

# UNIVERSITY OF TORONTO *Bulletin*

No. 6 38th year

Monday, October 22, 1984

## Connell announces personal objectives at his first meeting of Governing Council

George Connell's first appearance as president before Governing Council Oct. 18 was highlighted by a statement of personal objectives in his opening address.

"I have been asked many times in the last few weeks, 'What are my goals for the University?'" Connell told Council. "I have been reluctant to respond, because I realize as you do, the president does not define goals for the University. That is the task of this Council, and of many others in positions of responsibility in the University."

"Although I have been in office less

than a month; I have formed some preliminary judgements, not about goals for the University, but about my own responsibilities and how I should be committing my personal time and effort.

"I have put down on the piece of paper in front of me 10 points, many of which lie within the responsibilities delegated to one or more of the vice-presidents," the president continued. "I should make clear it is not my intention to assume personal responsibility in the areas which are properly so delegated, but rather to work with the vice-presidents to ensure that together

we address effectively the issues about which we are concerned."

The 10 points were: to provide leadership in setting appropriate goals for the University; to ensure that its programs and plans are relevant to

those goals; to ensure that students have access to a first-class educational experience; to make it possible for faculty members to achieve their full potential; to ensure that the University

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## Article 6 positions presented as mediation set to begin

As the date for mediation on Article 6 approaches, both the administration and the University of Toronto Faculty Association (UTFA) have sent out "Dear Colleague" letters giving their own perspectives and positions.

Members of both negotiating teams — for the administration, Frank Iacobucci, vice-president and provost, Alexander Pathy, vice-president (business affairs), William Broadhurst, chairman of the Planning & Resources Committee and a government appointee on Governing Council, and John Britton, chairman of the Department of Geography — for the faculty association, Michael Donnelly (political science), Peter Dyson (English), Bonnie Bessner (library), Jack Wayne (sociology) and Vicky Grabb (executive assistant) — and their lawyers are to meet with Michel Picher Oct. 26 and 27 to see if they can reach agreement on a procedure for the determination of salaries and benefits for faculty members and librarians at U of T.

A letter from Iacobucci, chairman of the presidential negotiating team, supports the idea of using a dispute resolution panel that would not be chosen for its independence but would include nominees from both sides. "To pass fundamental decisions entirely to outsiders would be to reduce our autonomy," says the letter.

A letter from Dyson stresses the need for an impasse-resolution procedure that is "fair, impartial and binding". UTFA had proposed that the decision of the three-person dispute resolution panel could be binding only if it were unanimous, but stipulated that in that case all three members of the panel would have to be impartial. According to the UTFA Newsletter, the association has now withdrawn the conditional offer to accept arbitration that was binding only if unanimous. In insisting on nominees in a process where a decision would be binding only if it were unanimous, the administration is demonstrating its determination to control decisions on salaries, says the newsletter. The association has returned to its previous demand

that the process of salary determination should culminate in binding arbitration by a three-person panel comprising two nominees and a neutral chairman.

In Dyson's view, if the administration insists on autonomy in making financial decisions there isn't much chance of resolution by the mediator. On the other hand, he points out that U of T's new president, George Connell, is in a honeymoon period with Governing Council and could probably get approval for any resolution he chose to argue for. "They would not run the risk of voting it down. It would amount to a non-confidence vote for the third president in two years."

The administration is entering mediation with a view to settling the question, says Iacobucci. "We would be prepared to move from our current position in order to achieve agreement."

**by Judith Knelman**

The University of Toronto Faculty Association (UTFA) has held 33 information meetings for members in various constituencies to discuss the possibility of certification should agreement not be reached with the administration on the salary and benefits procedure that will replace Article 6 of the *Memorandum of Agreement*. At the meetings, which will conclude this week, members are given a summary of the history of negotiations and the issues involved and told that so far the administration has shown no sign of agreeing to an arbitration panel that is independent and impartial.

Attendance at the meetings has varied from a handful of professors on



### A helping hand

Asking colleagues to donate to the United Way is easier after a first-hand look at an agency receiving United Way support. U of T Canvassers Al Cutcher of the School of Continuing Studies (background) and Joanne Barteski of computing services toured St. Christopher House on Augusta Ave. Founded 70 years ago, St. Christopher House offers a wide range of programs including home help for seniors, meals-on-wheels, recreational and cultural programs for all ages, adult literacy and language classes for immigrants and youth leadership programs.

Last year, 923,000 people in Toronto were helped by the United Way directly. Organizers of the United Way campaign at U of T hope to raise \$300,000 this year.

## More than 30 meetings held to discuss certification

one or two occasions to 40 or 50 on others. The average turnout has been between 12 and 20, says Peter Dyson, UTFA's president. The meetings have been chaired by members of the association's negotiating team.

It's hard to tell what the prevailing attitude is of those attending the meetings, says Dyson, but there has been no overt hostility. Some say they had never seriously considered certification but now see it as the only alternative. Others apparently do not want to come to grips with the issue until they are forced to make a decision.

"We're bending over backwards not to pressure people," he says. "I don't think people in this university would ever certify on a wave of moral indig-

nation. Such a decision would have to be taken on the basis of an understanding of the issues and because people see that, given the current circumstances, that is the most acceptable direction for the association to go in."

Dyson says a question that is often asked at the meetings is whether tenure, freedom or other rights now possessed by members would be in jeopardy if they certified. His answer is that such a thing has not happened at the 70 to 80 percent of Canadian universities that have certified. Because UTFA would want to use certification to solidify practices already

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## Group favours traffic signal at Hoskin

The committee looking into the problem of jaywalking across Queen's Park Crescent West dismissed the alternatives of an underpass or overpass at the Hart House walkway at its first meeting Oct. 4, favouring instead a traffic signal farther north at Hoskin Avenue.

Committee chairman and Ward Six alderman Jack Layton is drawing up a report, which will be presented to the committee, made up of representatives of the U of T administration, colleges, student councils, and the Metro Toronto Department of Roads & Traffic, for confirmation at a future meeting.

Although a Hoskin signal does not directly address the problem of the crossing point at the Hart House walkway — which according to one survey is used by 5,847 people in an eight-hour period — it is expected to create breaks in the traffic, said Eric McKee, assistant vice president, student affairs, who is one of the administration representatives.

McKee said the underpass and overpass alternatives were ruled out for various reasons. An underpass would have to be very long and thus would pose a security problem. An overpass would not only be high, but would require long ramps to make it accessible to the disabled and such a structure

might tempt people to jaywalk anyway.

A traffic signal at the Hart House crossing has been declared unworkable by Metro traffic authorities.

Other possibilities discussed at the meeting included the building of a larger pedestrian island at the Hoskin intersection.

McKee emphasized that the proposal was agreed to in general but without any final written commitment. "Metro's traffic representative said it would work, but we need to see more of it."

## Administration to propose changes to CLTAs policy

Vice-President and Provost Frank Iacobucci will consult senior principals and deans this week about a response to objections raised by the University of Toronto Faculty Association in 1983 to the practice of filling long-term vacancies with contractually limited term appointments (CLTAs).

The provost's office has prepared a package of proposed changes to the *Policy and Procedures on Academic Appointments* based on recommendations by a committee chaired by Professor J.F. Keffer, who was an associate dean at the School of Graduate Studies.

UTFA had protested that term appointments should be made only when there is a genuine, established short-term need. Existing CLTA positions that have not proved to be temporary, said UTFA, should be converted to tenure-stream positions on the expiry of the contracts of the incumbents. Its proposal for revision of the policy came as a result of the report of its academic appointments committee. As well as asking for changes on CLTAs, the association set up a standing committee to monitor lists of all academic appointments and consider the proportion of the full-time academic salaries budget devoted to non-tenured appointments.

A working group reviewing the policy on appointments for the Academic Affairs Committee recommended in February 1983 that the committee ask the administration to explore the possibility of revision with UTFA. UTFA has now been advised that the administration is ready to discuss changes.

The revision proposed by Iacobucci would not be restricted to CLTAs but would deal with other appointments procedures including hiring and the granting of tenure. It would suggest that where a continuing need exists tutors, senior tutors or tenure-stream faculty should be hired.

## Governing Council by-election

Nominations opened Monday, Oct. 15, 1984 for the election to Governing Council of a representative of graduate student constituency II. The successful candidate will hold office until June 30, 1985.

Nominations will close at noon, Friday, October 26, 1984. This by-election is conducted by the Governing Council under the authority of the *University of Toronto Act, 1971* as amended.

"Graduate Student" means all students registered in the School of Graduate Studies. Constituency II includes all students in Division III (Physical Sciences) and Division IV

(Life Sciences) of the School of Graduate Studies and the Graduate Department of Education.

Copies of the election guidelines and nomination forms are available at the Governing Council Secretariat, room 106, Simcoe Hall. Enquiries may be directed to Susan Girard at 978-6576.

## Supreme court rules against visa students

An attempt by three visa students to sue the University of Toronto on behalf of themselves and others has been turned back by the Supreme Court of Ontario. The students want U of T to refund and rescind fee increases for which they say about 500 students did not receive adequate notice.

The three were attempting to launch a class action on behalf of all undergraduate visa students who enrolled here in September 1982. They claimed breach of contract and/or negligent representation in that they were not properly notified of a plan to increase fees the following year.

The Supreme Court of Ontario has ruled that the students may sue on their own behalf but may not apply for refunds for a group that cannot be shown to have an identical interest. The refunds would vary according to the program in which a student was enrolled.

One of the criteria for a valid class action is the existence of a discernible common fund or asset so that the right of the class to the asset and the right to individual members of the class to a

part of it can be considered. The court ruled that there was no such fund in this case.

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# Report says job outlook good for university grads for next five years

The Ontario Manpower Commission has released a report speculating that even a stagnant economy will generate enough job openings for university and college graduates entering the Ontario labour market during the next five years.

The report, titled *Labour Market Outlook for Ontario 1984-88*, bases its findings on three "macroeconomic scenarios" developed by the Institute for Policy Analysis. A low-growth scenario would make for 536,800 job openings; a medium-growth scenario, 856,100 openings; a high-growth scenario, 937,500 openings.

The number of job openings requiring university or college graduation called for by the three scenarios ranges between 184,900 and 279,300. It is expected that 204,200 persons with degree or diploma qualifications will actually enter the market.

"In other words," the authors conclude, "in the low-growth scenario, job openings requiring post-secondary graduation would almost match the number of entrants with these qualifications. In the medium- and high-growth scenarios, job openings are expected to exceed additions to the labour supply by 58,700 persons and 75,100 persons respectively."

However, these figures pertain only to new entrants to the workforce, and do not make allowances for Ontario's unemployed. The report notes that in 1983, there were 71,000 unemployed persons in the province with a university degree or college diploma. "If we

include these graduates as a potential source of supply," says the report, "then the shortfall would be considerably reduced."

Although college and university graduates are lumped together in the report's projections concerning openings, they are spoken of separately in some discussions of labour supply. In such discussions it is revealed that of the 720,200 people expected to enter the market from all sources, including households, 115,300 (16 percent) will be university graduates and 88,900 (12 percent) will be college graduates. About 498,500 (69 percent) will have had six months of vocational training or less.

According to the report, service industries (transportation, communication, trade, finance, business services and public administration) will remain the largest sector of the Ontario economy, providing a total of 508,000 to 670,500 job openings. The category for manufacturing, construction and utilities is more volatile, ranging from a low of 6,800 openings to a high of 230,500. The openings supplied by primary industries (agriculture, fishing, mining, forestry) will range from 8,500 to 22,800.

All the "openings" figures in the report are based on a fixed number of jobs vacated due to retirement or death, to which is added whatever number of newly created jobs is appropriate to the economic scenario in question. For example, given a low-growth scenario, 65.7 percent of the

total job openings for the period would be replacement positions. In a high-growth scenario, this proportion would be reduced to 37.6 percent.

In a foreword to the report, Ontario Manpower Commission chairman Benson A. Wilson says the document is intended to serve "both the public and private sectors as a guide to developing suitable responses to the potential imbalances in the labour market."

"Therefore," he continues, "this report should also be of interest to educational planners, career counselors, human resource planners in industry, labour and professional associations."

## UTFA information meetings

Continued from Page 1

in effect, it would try to base a contract on the *Memorandum*.

Faculty at the meetings have been told that if negotiations come to a dead end the UTFA council would probably call a general meeting to invite members to choose between its position and the administration's position. Last March the council stated its intention to recommend that a certification campaign begin if negotiations on the replacement of Article 6 end fruitlessly.

Should an agreement with the administration be worked out, the negotiating team would take the details to the UTFA council for ratification.

Mediation by an outside professional, Michel Picher, is to take place Oct. 26 and 27 (See *Bulletin*, Oct. 9).

## Scarborough gets assurances from Connell in first of visits to all divisions



DAVID HARFORD

President Connell gets a tour of the greenhouse at Scarborough College from Professor Joan Grusec, chairman of the Life Sciences Division, and Professor John Perz, chairman of the Physical Sciences Division.

## Fundraising drive seeks pledges from graduating class

A new fundraising drive aimed at students who graduate this year is being planned by the Students' Administrative Council (SAC), the Association of Part-time Undergraduate Students (APUS) and the Department of Private Funding.

The proposal was initiated by SAC and has been accepted by both associations. Representatives for each constituency will write to graduating students asking that they make a three-year pledge. It is not yet known how many students will be graduating in the spring of 1985, but, according to the Office of Academic Statistics, 6,120 students received undergraduate degrees last spring.

Private funding has agreed to pay the cost of the campaign, which is estimated at \$10,000 for design, printing, advertising and postage.

The project is expected to raise students' awareness of the Varsity Fund and prepare them for their new relationship with the University as alumni. Another goal is to help make the case for better external funding. "One of the things that Bette Stephenson is constantly saying is that alumni have to do better," said Michael Shumacher, liaison officer of APUS. "We can show that we care very much about this place and would like the government to care a little bit more."

## Service union settles, TAs could call strike vote

Seventy-five percent of approximately 300 voting University service workers approved on Oct. 14 the same contract that had been narrowly rejected three weeks ago. The new agreement with Local 204 of the Service Employees Union, which represents about 700 janitorial, food preparation and groundskeeping staff, calls for an increase of 43 cents per hour (five percent) retroactive to July 1, 1984. Other terms include an increase in paid maternity leave from 15 to 17 weeks (at 95 rather than 100 percent), additional vacation for people with six to

nine years' experience and higher meal allowances. The contract expires June 30, 1985.

Meanwhile, 93 percent of more than 300 members of Local 2 of the Canadian Union of Educational Workers, which represents 1,250 U of T teaching assistants, voted Oct. 18 in favour of holding a strike vote in the event of a breakdown in negotiations with the University. Two further meetings chaired by a government conciliator, Murray Lapp, are scheduled for this week.

Scarborough College "must be nourished and continue to thrive", President George Connell told faculty and staff during an informal talk at the college Oct. 12. Connell's visit to Scarborough was the first of trips he plans to make to all divisions to meet and hear from the University community. He will set aside Monday or Friday afternoon of each week for the visits and estimates, at that rate, "it will take about four years and then it will be time to start over".

The entire university has cause for optimism, Connell told his Scarborough audience, in the light of "a more benevolent and informed view" from the new leadership in Ottawa, a new provincial government, and the Bovey Commission report. But he warned that "our sense of values is not necessarily shared by those outside the University".

He described his 10 personal priorities for his "discretionary time" at U of T, first among them being to "provide leadership in setting appropriate goals for the University". (See Governing Council story, page one, for details.)

Connell spent the afternoon at Scarborough, meeting with Principal Ron Williams and taking a tour of the campus. He met with faculty and staff for about half an hour in the council chamber and later with members of the student council.

Next on his itinerary was a visit to the Faculty of Library & Information Science Oct. 19. He will be at the Office of Research Administration Nov. 5 and Erindale College Nov. 20.

## Connell, Ignatieff receive honorary degrees from Trent

U of T President George Connell, former president of the University of Western Ontario, U of T Chancellor George Ignatieff and Ronald Watts, former principal of Queen's, received honorary degrees from Trent University Oct. 13 as representatives of the universities most closely involved in the founding of Trent.

Speaking at the 20th anniversary Convocation, Thomas Symons, Trent's first president and now Vanier Professor there, explained that in response to a request from the citizens of Peterborough for advice when they were planning for the university 25 years ago, U of T, Western and Queen's each named a member of its faculty to help. Moffatt Woodside of U of T, Frank Stiling of Western and Julian Blackburn of Queen's became known at Trent as the Midwives.

Connell, said Symons, has borne his responsibilities "with good humour, civility, patience and grace under pressure, and yet also with the tenacity and gentle courage required to be efficacious".

He hailed Ignatieff as "an international statesman who has served the cause of peace and brought honour to Canada in everything he has done".



sity is an exemplary employer; to maintain good relations with alumni and strengthen alumni support for University causes; to ensure the financial integrity of the University; to ensure the conservation and maintenance of its permanent assets; to ensure that its ancillary enterprises have appropriate goals and are well managed; to ensure that its relations with governments, agencies, corporations and the wider public are as harmonious and constructive as possible and to ensure that advocacy of its interests is effective.

Earlier in the address, Connell told Council that the task he shared with them was to take responsibility not only for the University, but also for the influence it wields elsewhere. "It is not overstating the case to suggest that the deliberations conducted in this room will be significant determinants of the future of higher education in Canada," said Connell. "I compliment each one of you for your willingness to serve the University in this way."

Connell said the president and Coun-

cil are mutually dependent. "You must depend on me to supervise the administration of the University. I depend on Council in turn to establish a framework of legislation and policy which furthers the interests of the University and permits me to do my work effectively.

"I would suggest to you that one of your most important responsibilities, perhaps the most important, is to ensure that I am serving you well. I urge you to set your expectations at a high level."

Connell went on to say that his expectations of Council will also be high. Council is accountable to the president, the University, and the wider public, explained Connell.

In the president's report, Connell addressed what he called a "rather unusual spate of criticism of universities" during the last few weeks. The critics have at least appeared "conscious of the importance of universities" and their opinions, even if ill grounded, present an opportunity for discussion. "It is part of the role of

universities to foster a critical attitude, and it would be misplaced if we were to resent criticisms which were well formulated and well founded."

However, Connell said, some remarks as reported in newspapers have not been well founded. The president referred specifically to Woods Gordon CEO John Wilson. Wilson said in a press conference that "a lot of crud" is taught at U of T. He withdrew the remark when he presented a brief to the Ontario Economic Council, Connell reported, and the actual text of his brief turned out to have merit. "It was a thoughtful, well constructed piece," Connell said, "and my impression is that Mr. Wilson is well informed about university affairs." (See story, page 5.)

The critical comments that have gained attention, continued Connell, are not in general representative of the feelings of the business community.

Connell also told Council he believes the University's submission to the Bovey Commission was well received,

and would prove influential in the commission's deliberations. The president concluded his message by noting that negotiations on Article 6 of the *Memorandum of Agreement* with the faculty association are continuing, now with the help of a mediator.

After the report, Professor Bernhard Cinader questioned Connell on whether the University should attempt to make itself directly involved with federal policy-making on vital national issues, citing overpopulation and deforestation as particularly pressing problems. Connell said he was aware of the potential of the University to contribute to the solutions of such problems, but added that the formation of policy in scientific matters is a major task to which the University's contribution will be only one of many offered.

Connell told Council, in response to a question from Elizabeth Pearce, that the committee looking into the forced resignations at St. Augustine's Seminary had not yet reported.

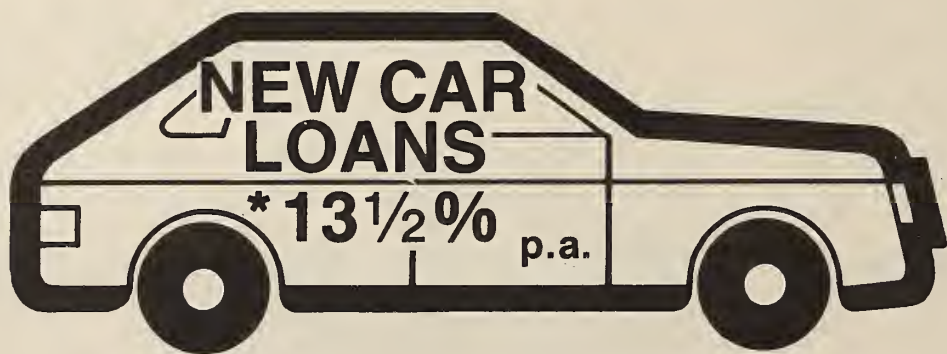
In other business, Council passed a motion adding the vice-president and provost to the list of people managing the Connaught Fund. Executive Committee vice-chairman William Birt said the Executive Committee has asked for "further advice" on the more important recommendation concerning the possible use of Connaught funds to aid scholarly publication. (In a meeting Oct. 9, President Connell told the Executive Committee that he had decided, on the advice of the vice-president and provost, not to proceed at this time with the proposal regarding the use of Connaught funds to aid U of T Press. Last May 28, the Planning & Resources Committee recommended a change in the Connaught Fund terms of reference that would permit such aid.)

In an interview after the Council meeting, President Connell said the administration was still actively searching for a means of aiding U of T Press, but that they would be looking at alternatives to the Connaught Fund. Connell said there was no outstanding alternative under consideration at the moment.

Also passed were the terms of reference for the Subcommittee on Admissions, Curriculum & Standards and the Subcommittee on Research & Academic Services. Academic Affairs Committee chairperson Chaviva Hosek said the terms of the admissions subcommittee represented a combination of the terms of two earlier subcommittees. A question raised in an academic affairs meeting concerning the appropriateness of allowing for a minimum of only one member of Governing Council on each subcommittee would be passed on to William Birt, who is currently looking into delegation of authority.

Also approved at Council were

- the reappointment of Elizabeth Hoffman as University Ombudsman until June 1988
- the appointment of Karel Swift as secretary of the University Tribunal and Dominique Burs as assistant secretary to the University Tribunal



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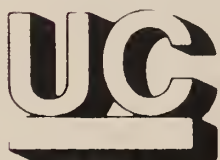
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## Blood donor clinic this week

A blood donor clinic will be held in the main lobby of the Medical Sciences building from Oct. 22 to 26. Hours are: Monday, Tuesday and Friday, 10 a.m. to 4 p.m. and Wednesday and Thursday from 10 a.m. to 5 p.m.



# Equality on faculty a dream: women's panel

by Janet Dunbrack

Female faculty who manage to climb the upper rungs of the promotional ladder at U of T are still a rare breed. Reasons and remedies for this were put forward during an Oct. 9 panel discussion about women as faculty, the first of three lunch-time Tuesday panels examining "Women in Toronto Today". The discussions are part of the events marking the centenary of the first women students at U of T.

Panelists were Professors Ann Robson, history; Chantal Bertrand-Jennings, French; and Susan McIver, formerly professor of microbiology and zoology at U of T and now chairman of the Department of Environmental Biology at the University of Guelph. Professor Heather Jackson, humanities, Scarborough College, chaired the discussion.

Each of the three speakers cited statistics showing relatively few women in top positions in their disciplines at U of T:

- 25 percent of professors in microbiology are women, with 50 percent of these at the assistant professor level, and 17 percent full professors.
- In contrast, male faculty are distributed evenly among assistant, associate and full professors (McIver)
- of the 95 faculty members teaching French, six of the women are full professors compared to 34 men (Bertrand-Jennings)
- there are two tenured women among 55 history department faculty — one full and one associate professor (Robson)

Bertrand-Jennings cited Statistics Canada figures showing that during the academic year 1983-84, male faculty earned an average of \$51,352 while women earned an average of \$39,461 at the University of Toronto (excluding medical and dental faculty).

Most speakers on the panel and in the audience focused on childbearing as the pivotal issue.

"Departments don't think of women as having inferior brains," Robson said, "but they find that women are not as good a bet for employment as men. I try to put myself in a man's position: if I were the head of a two-year research project, would I want to gamble my slim grant money on a woman who might get pregnant or

would I feel safer hiring a man?

"The same applies in other situations: a woman with a three-month-old baby can't give as much of herself as a man."

Robson suggested there be more flexibility in hours. "People should be able to negotiate their hours on a yearly basis. If a faculty couple has a child, they should be able to stagger their teaching load. Full or part-time work should be options. This flexibility

should apply throughout their lives.

"The present system is designed for men with wives at home. Women can't compete on this basis."

During later discussion from the floor, SGS vice-dean Rose Sheinin presented an improving picture, at least in the sciences. Women in medicine have convinced the Medical Research Council, she said, to draw up guidelines for funding maternity leave

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## Universities under attack

Business complains about tenure, tuition and illiterate grads

by Arthur Kaptainis

Is university-bashing becoming the vogue in the business community?

This is a question raised by two stories that emerged in daily papers last week. The first concerned Royal Bank vice-president Hal Wyatt, who, invited to speak at a dinner sponsored by Ontario deans of arts and science, used the opportunity to attack tenure, faculty unions, low admission standards and illiterate graduates.

The second was the revelation that the submission to the Bovey Commission by the Ontario Chamber of Commerce (OCC) — which represents 460 large corporations and 150 chambers of commerce across the province — recommends increasing tuition fees, abolishing tenure, raising admission standards, putting an end to student grants that are spent on ski vacations, and requiring professors to teach an extra hour per week.

Elaine Roscow, assistant general manager of the OCC, said the submis-

sion was based on the results of a three-month survey of the membership. "The responses were quite uniform in the general tone and the kind of comment being made," she added.

Wyatt's speech was "on a personal note" and doesn't reflect Royal Bank policy, said a bank public relations officer contacted after the speech.

Policy or not, is this how people in the business community really perceive universities? "I don't think these two examples are by any means representative of the climate," says President George Connell. "There is a great deal of positive feeling among the business community toward universities."

Connell cited Royal Bank president Allan Taylor, who serves with him on the executive committee of the Corporate Higher Education Forum, as a business person supportive of universities and well acquainted with higher education issues.

Neither is Connell discouraged by the OCC brief. "I think they certainly have identified some policy issues, and they are free to do so. I don't want to repudiate in a blanket way everything the Chamber of Commerce says."

"However, I wouldn't expect the Chamber of Commerce to really be familiar with all aspects of university operation, nor to address all university issues with perception."

The chamber itself has admitted this much. Says Roscow: "We were careful in the submission to say that we are not people fully conversant with the complexities of the university system. However, we are people who see a lot of the end product. The results (of the survey) were simply our views. They were not scientific; they were empirical."

The committee which drafted the OCC submission is composed of volunteers.

Although Connell prefers to emphasize the supportive flank of the business community, he agrees universities are in for some heavy weather. "It's coming at us from all directions and I don't think it's over by any means . . . Obviously, there are pockets of ignorance about universities, just as there are within the university pockets of ignorance about business. I think we in universities have to commit ourselves to constructive dialogue with our critics, those who are interested in universities prepared to commit time to it."

"Let me say this: I would much rather have what's going on now than to be ignored. I'm happy to see dialogue opening up."

U of T Faculty Association president Peter Dyson has noticed an escalation in criticism from business. "We obviously are getting more attacks, and one regrets having attacks perpetuated based on what seems to be a fairly fundamental misunderstanding of the nature of the institution."

"They are attacking the university for not being a business, without understanding that we produce good graduates because we are a university and not a business. When they say 'Why don't we teach one more hour', as if this was no different from sitting at a desk one hour more than usual, they show this misunderstanding."

"They also don't understand the effects of underfunding. They don't realize that the lack of secretarial help is getting more and more severe, and is the kind of lack that no business would ever begin to put up with, and that the provincial government doesn't put up with."

## 'Crud' taught at U of T?

Remark was 'unprofessional,' but still true, says head of Woods Gordon

John Wilson, chairman of Woods Gordon management consultants and a member of the Victoria University Board of Regents, has declared that his widely publicized off-hand observation that "an awful lot of crud" is being taught at U of T was "not a very professional remark".

The words escaped him at a press conference earlier this month, where he announced the submission of a Woods Gordon brief to the Ontario Economic Council on the occasion of a two-day OEC conference on universities in the 1990s.

"I certainly don't deny that I said it or blame the reporters for reporting it," Wilson said in an interview.

"Somebody asked me whether there are courses being taught at U of T that shouldn't be. I think the answer is probably yes."

"Have you looked at the calendar lately? You get an enormous range of things. One wonders whether some of them make sense being taught at Canada's greatest university."

"I think we have to have a coordinated view of what should be taught where. I'm not saying these things shouldn't be taught; I'm just saying I'm not sure the best place for them to be taught is at U of T."

Wilson declined to specify which courses he regarded as inappropriate to U of T.

The Woods Gordon brief strongly favours a higher degree of coordination between universities, and urges institutions to accept the fact that government funding levels cannot increase.

"We have great duplication of faculties across the province," said Wilson. "We have 17 university-level organizations. It seems to me they have grown without being coordinated. There is no mechanism to say we will teach this here, we will teach that there, we will have four centres of this."

Wilson added that he approved strongly of the mandate of the Bovey Commission. "I think the Bovey Commission is going to tell us what a better pattern is going to be. They went back to the universities and said, 'Look, what do you do best?' A damn good question, incidentally."

According to Wilson, governments have clearly signalled that no significant increase in funding levels can be expected. Also, industry sources cannot be realistically asked for any more than they are giving at present. Therefore, current funds must be

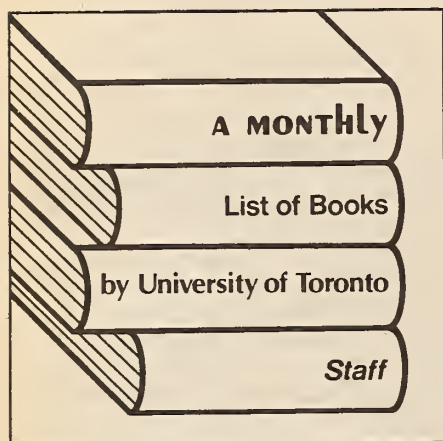
reallocated to prevent further decay of the university system. This would likely entail the sacrifice of certain programs at certain universities, and a reduction in the number of students offered admission to university.

"We have to make major changes — we can't tinker," emphasized Wilson. "We can't sit by and watch the system deteriorate. If there isn't any more money, we must make present money do. We find the funds for critically valuable activities, and some things are obviously going to have to be sacrificed. I suspect we are going to have to downscale the overall operations of the universities."

Woods Gordon is frequently consulted by universities on management questions. Wilson said U of T "has been a client of ours from time to time, and is right now". He said he felt certain he would be subjected to "some good-natured abuse" by U of T administrators in the wake of his remarks, but that "this was something that had to be said".

The report, which was commissioned by the OEC, will be submitted to the Bovey Commission members "privately", Wilson said. The deadline for official submissions to the commission has passed.





## October

**Eldorado: Canada's National Uranium Company**, Robert Bothwell (U of T Press; 544 pages; \$24.95). Canada's entry into the atomic age is a story of high expectations and dashed hopes, of controversy and calm. It begins with the discovery of uranium at Great Bear Lake in 1930 and continues through the war years, nationalization of the company and its ultimate emergence as a competitive mining enterprise.

## September

**The House That Ryerson Built**, edited by Hugh Oliver, Mark Holmes and Ian Winchester (OISE Press; 182 pages; \$18.50; paper). Ontario's bicentennial is celebrated with essays, photographs, cartoons, reminiscences and poetry. Historians and educators write about the one-room school house, private schools, the education of women, discrimination against Franco-Ontarians, traditional versus progressive education, the role of the university and community college and the "learning society" of the future.

**Remarriage: A Family Affair**, Lillian Messinger (Plenum Publishing Corporation; 246 pages; \$21.95). With 50 percent of marriages ending in divorce and 80 percent of divorced people remarriage, remarriage becomes the "normal" way of life for millions of families. Messinger explores the hardships of this new life-style and suggests sensible ways of overcoming the conflicts that so frequently arise in making the transition from divorce to remarriage to step-parenting.

**Voice of Hearing**, Vivian Darroch (Sono Nis Press; 101 pages; \$10). Darroch investigates trans-disciplinary fields — existentialism and the psychology of literature — in an attempt to bridge creative and critical consciousness. Part I presents a text which creates meaning for the purposes of sustaining the expression of imagining; Part II is a commentary on this first text.

**Curing Nuclear Madness**, Frank G. Sommers\* and Tana Dineen (Methuen Publications; 192 pages; \$9.95; paper). The authors write of the threat of a nuclear holocaust now pervading everyday life — reports of continuing arms escalation, failed peace talks, terrorism and war — and present creative and concrete solutions to individuals for facing the most pressing challenge in contemporary history.

**The British Empire 1558-1983** (Short Oxford History of the Modern World), T.O. Lloyd (Oxford University Press; 550 pages; \$25.50 paper, \$55.75 cloth). From the voyages of discovery and expansion to decolonization, both parallels and differences in paths of development are demonstrated. This book provides an account of the history of the empire and of all the countries that make up the modern Commonwealth.

## Catching Up August

**Love's Labor: Twenty-Five Years of Experience in the Practice of Psychotherapy**, Stanley E. Greben (Shocken Books; 203 pages; \$26.50). Dr. Greben offers specific guidelines for choosing a therapist, criteria for determining the effectiveness of your therapy and a realistic appraisal of what results one can expect from therapy. The book presents cases that illustrate how and why therapy can fail, and stories that show just how successful good therapy can be.

*U of T staff are indicated by an asterisk when there is multiple authorship or editorship which includes non-U of T staff.*

and providing for women stepping out of and back into research during the term of a fellowship. She later cited a recent study of women in science and engineering which showed that a majority of "successful" women combine career with family.

More on-campus daycare would help female professionals, some speakers said. Sheinin reported a recent conversation with industrialist Frank Stronach of Magna International who had said that his experience had showed daycare to be an economic plus. For every 50 cents he invested in daycare, she said, he earned back \$1.76.

Most speakers concluded that conditions for women will improve faster if changes also serve the interests of men.

"We won't win anything on an appeal to abstract principles of justice," said Robson. "Men will only hire women because it benefits them. We must emphasize that it is mutually advantageous to a department and to society to employ the brains of both."

Requests for parental leave, which men can also take advantage of, should be stressed, said Bertrand-Jennings, adding, "There will be no equality as long as women are expected to bear the responsibility for housekeeping and child-rearing."

Despite frustration with slow progress, most speakers agreed that male faculty attitudes toward female colleagues have improved over the past four decades, a change attributed to the women's movement.

In her graduate school days, said Bertrand-Jennings, women taught two or three times as many hours as male teaching assistants. When women complained, they were told, "The men are preparing for their doctorates."

Bertrand-Jennings came to U of T in 1972 after being refused a promotion at another university on the ground that she was a "faculty wife". She became a full professor in 1981. She and her husband still maintain two households and commute 800 kilometres to be together.

During the staff shortages following the Second World War, Robson said, women with PhDs who were married

to faculty members were reportedly asked to teach history with the invitation, "We're scraping the bottom of the barrel . . . can you help out?" Today, she said, in the history department, as in some others, the attitude of some male professors still seems to be: Why play out the farce of equality in graduate school when we'll simply get rid of women later on?

A change in male attitudes continues to be pressing, agreed Bertrand-Jennings. "Men are still saying, 'Women don't want positions of authority, because of female psychology and conditioning.'" The prevailing attitude is that women must be superhuman in order to have a family and a career, she added.

The second in the series of panel discussions, "Women as Part-time Students", was held Oct. 16. "Women and the Institution" will be the final topic on Oct. 23 in the Town Hall, Innis College at 12.15 p.m.

## Honorary degree nominations

The Committee for Honorary Degrees will be meeting to consider candidates for the award of honorary degrees at the Spring and Fall Convocations, 1985. Members of the University community are invited to submit names of possible candidates along with a biography outlining the career of the candidate and a detailed statement of reasons for the nomination to the Secretary of the Governing Council, room 106, Simcoe Hall. Nomination forms may be obtained from the Governing Council Secretariat. Nominations should be submitted by November 30, 1984.



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Monday, October 29, 4 p.m.

The Council Chamber  
Alumni Hall, St. Michael's College



# Ignatieff wins Pearson peace award

George Ignatieff, the University's Chancellor, has made the headlines for the third time since the beginning of August by winning the annual Pearson Peace Award. The official presentation of the award, by the Governor-General, will take place this Friday in Ottawa.

The award comes shortly after the appointment of former Tory MP Doug Roche to the disarmament ambassadorship given to Ignatieff by John Turner in August.

The Pearson Peace Award goes annually to a Canadian for distinguished service in the interests of peace. It is administered by the United Nations Association, and has no connection with the government of Canada.

Ignatieff, former ambassador to Yugoslavia and the United Nations, said in an interview that the award was particularly gratifying because it was Lester Pearson who first recruited him into the foreign service. Ignatieff accompanied Pearson on several Canadian diplomatic missions, including those dealing with the Suez and Sputnik crises.

Pearson was present for the installation of Ignatieff as provost of Trinity

College in 1973. "I think that was his last public appearance before his death," said the Chancellor.

"I suppose I also feel a sense of humility," Ignatieff added, "because peace is on the minds of so many Canadians, and there are so many people active in the field. I felt that a good many other people could have been chosen with equal appropriateness."

Concerning the disarmament ambassadorship, Ignatieff said his exit from the position was not a consequence of political house-cleaning after the election. "As it was presented to me by the government of Canada now in authority — by Mr. (Joe) Clark — it was not on political terms that I was unacceptable. What they raised was whether it was possible for me to do this full time, and I said no, I just couldn't."

Ignatieff had made it a condition of his appointment that he be permitted to remain Chancellor of U of T. "I had no intention of leaving the University, particularly as we were installing a new president, and with the Bovey Commission and various other developments," said Ignatieff.

The Chancellor was in France

attending conferences and visiting his son when John Turner called offering the ambassadorship. "He gave me very little time to think it over, but I said yes."

"What I was anxious to do was not to get the job myself, but to raise the status of the disarmament ambassador to that enjoyed by General (E.L.M.) Burns during the 60s, when this post was first established by John Diefenbaker and Howard Green. General Burns was not only spokesman for and negotiator of government policy; he had direct access to ministers, so he could discuss

with them what policy initiative should be taken."

Disarmament ambassadors since Burns, said Ignatieff, have only been able to accept orders from diplomatic superiors.

Ignatieff has agreed to remain a voluntary adviser to Roche while continuing his duties as Chancellor. He is also looking forward to the publication of his memoirs next year by U of T Press. "The book will focus on my diplomatic experience. I think the title is going to be *The Making of a Peacemonger*."

## Arts and science search committees

The following search committees have been established in the Faculty of Arts & Science to recommend a chairperson in each of the following departments:

### Economics

Dean R.L. Armstrong (*chairman*); Vice-Dean J.J.B. Smith; Professors Nancy Howell, associate dean, SGS; J.R.S. Prichard, dean, Faculty of Law; M.A. Chandler, Department of Political Science; J.D. Bossons, G.V. Jump and A.J. Yatchew, Department of Economics; S.A. Rea, social sciences, Erindale College; and D.E. Moggridge, social sciences, Scarborough College.

### English

Dean R.L. Armstrong (*chairman*); Vice-Dean I.R. Drummond; Professors R.C. Brown, associate dean, SGS; P.M. Wright, associate dean, Faculty of Applied Science & Engineering; Derrick de Kerckhove, Department of French; T.H. Adamowski, humanities,

Erindale College; H.J. Jackson, humanities, Scarborough College; J.D. Baird, M.F. Dixon and P.L. Heyworth, Department of English.

### French

Dean R.L. Armstrong (*chairman*); Vice-Dean Jane Millgate; Professors R.C. Brown, associate dean, SGS; Howard Hainsworth, Faculty of Education; T.D. Langan, Department of Philosophy; D.M. Hayne and D.W. Smith, Department of French; W.J. Kirkness, humanities, Scarborough College; and D.A. Trott, humanities, Erindale College.

### Geology

Dean R.L. Armstrong (*chairman*); Vice-Dean J.J.B. Smith; Professors D.J. Rowe, associate dean, SGS; W.A. Miller, Department of Metallurgy & Materials Science; A.V. Jopling, Department of Geography; D.H. Gorman and N.M. Evensen, Department of Geology; H.C. Halls, physical sciences, Erindale College; and J.A. Westgate, physical sciences, Scarborough College.

### Near Eastern Studies

Dean R.L. Armstrong (*chairman*); Vice-Dean Jane Millgate; Professors R.C. Brown, associate dean, SGS; M.R. Piggott, Department of Chemical Engineering & Applied Chemistry; J.W. Shaw, Department of Fine Art; J.S. Holladay, R.T. Lutz and R.J. Leprohon, Department of Near Eastern Studies; and T.C. Young, Royal Ontario Museum.

### Slavic Languages & Literatures

Dean R.L. Armstrong (*chairman*); Vice-Dean Jane Millgate; Professor R.C. Brown, associate dean, SGS; W. Janischewskyj, Faculty of Applied Science & Engineering; R.P. Magosci, Departments of Political Science and History; and Louis Iribarne, R.H. Marshall and Milan Surducki, Department of Slavic Languages & Literatures.

The committees would appreciate receiving nominations and/or comments from interested members of the University community. These can be made verbally or in writing to the chairman of the committee, or to any member of the committee.



**Magna endows professorship**

Frank Stronach (right), chairman of Magna International Inc., presents the first of 10 cheques to President George Connell at a recent dinner at Massey College to mark the inauguration of a professorship in strategy in the Faculty of Management Studies. Magna will contribute \$400,000 over five years to permanently endow the professorship, which will be held by Professor George Day. Magna, an auto parts manufacturing firm with headquarters in Markham, is run on the principle of employee participation. In each of the 43 Magna plants in Canada and the US, fewer than 100 employees operate each plant, sharing in profits, stock holdings, and recreational and day care facilities.

## Scarborough celebrates installation, 20th anniversary

Biochemistry professor G. Ronald Williams will be installed as the sixth principal and dean of Scarborough College in the Scarborough Campus Meeting Place at 3.30 p.m. on Oct. 30.

Taking part in the ceremony will be fellow biochemist President George Connell, Chancellor George Ignatieff and Governing Council chairman St. Clair Balfour. Williams, who has been serving as principal since July 1, is a

former chairman of the Life Sciences Division at Scarborough and of the University's biochemistry department.

The first year of Williams' term as principal of Scarborough marks the 20th anniversary of the college. An anniversary party, to which students and faculty of 20 years ago have been invited, will be held Oct. 27 at the college's annual honours dinner.

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# Research News

## Applied DNA Systems, Inc.

Through its university research program, ADS sponsors research in the biological sciences which can result in a marketable product or process. Projects may employ any technologies familiar to molecular biology, microbiology, genetics, biochemistry, biophysics, pharmacology, etc. Projects in the areas of specialty chemical production, process development, food processing, diagnostic and medical products are particularly applicable.

Applicants must be investigators at accredited research and teaching institutions qualified to conduct and supervise programs of original research. Contracts will be awarded after review and approval by ADS. Preliminary project proposals will be accepted at any time.

For further information on this program, please call ORA at 978-2163.

## Lady Davis Fellowship Trust

The Lady Davis Trust awards for visiting professorships in 1985-86 are intended for candidates with

the rank of associate or full professor. The awards are tenable from one semester to a full academic year and will be made after consultation with the appropriate faculties at the Hebrew University of Jerusalem or the Technion-Israel Institute of Technology, Haifa. The award includes a professorial salary and cost of travel.

Completed application forms must reach Jerusalem not later than *December 1*. Further information and application forms are available from ORA at 978-2163.

## Esso Petroleum Canada

Esso Petroleum is interested in collaborating with investigators from a number of selected Canadian universities on research programs in the biotechnology area. At the present time, the company would like to identify individuals who might be interested in entering into cooperative research arrangements.

The following list summarizes the areas of major interest around which programs could be built: removal from hydrocarbon streams of sulphur, heavy metals and wax;

emulsification/de-emulsification; solid/liquid hydrocarbon oxidation; toxic waste degradation; methane conversion; heavy oil upgrading.

Interested faculty members are asked to forward a description of their research activities and publications to:

Doug Mannell, Technology & Renewable Energy Research Division, Esso Petroleum Canada, 55 St. Clair Ave. W., Toronto, M5W 2J8, or call Mr. Mannell at 968-4437.

## Gerontology Research Council of Ontario

The council is again offering limited research support in the field of gerontology in the form of research fellowships and research project grants. The deadline date for both programs will be *December 1*.

The research scholarship program has been suspended temporarily and will not be offered in 1985-86.

Further information and application forms are available from ORA at 978-2163.

## Human Nutrition Research Council of Ontario

The council offers research grants and a limited number of fellowships in support of nutrition research for the fiscal year 1985-86. Changes have been made in the requirements of the application and a new supply of forms, incorporating these changes, have been received by ORA.

The deadline for receipt of applications is *December 1*. Further information and application forms are available from ORA at 978-2163.

## Huntington Society of Canada

The society is offering modest, one-year operating grants to fund research into related brain disorders that share common pathophysiological mechanisms, such as Parkinson's disease, schizophrenia, amyotrophic lateral sclerosis, cerebellar ataxia, Alzheimer's disease. Proposals which involve studies in diseases other than Huntington's disease may be considered provided that the proposal has relevance to Huntington's disease.

Proposals will also be considered in either pre-clinical sciences (anatomy, biochemistry, physiology, pathology or pharmacology) or clinical specialties (neurology, psychiatry, medical genetics), or studies in epidemiology, clinical care or family care.

Deadline for receipt of proposals is *December 31*. For further information please contact ORA at 978-2163.

## Medical Research Council

Discussions between MRC and the Health Protection Branch (HPB) of Health & Welfare Canada have clarified that MRC fellowships are tenable in HPB laboratories and the HPB management is anxious to welcome suitable MRC fellows to work in the laboratories, either for short or extended periods of time.

Headquarters laboratories of HPB are located in Tunney's Pasture, Ottawa, and include laboratories of the Food, Drug and Environmental Health Directorates and of the Laboratory Centre for Disease Control.

The new telephone number in Ottawa for information on MRC programs is (613) 990-7694.

## Ontario Ministry of Natural Resources

The deadline for the Ontario renewable resources research grant program has been extended from Nov. 15 to *January 1*. Due to the Christmas holidays it is advised that faculty members complete their applications for submission to the ministry before Dec. 21.

## Ontario Provincial Secretariat for Justice

The provincial secretariat for justice is commissioning a research study to evaluate effectiveness of a variety of counselling programs for batterers which have as their goal the cessation of abusive behaviour. The project is to begin in November 1984 and must be completed by the end of March 1985.

Deadline for receipt of proposals at the provincial secretariat is 5 p.m. on *October 26*. For further information, please call ORA at 978-2163.

## Savoy Foundation Inc.

Research grants will be awarded to support basic and clinical research to advance the understanding, treatment and prevention of epilepsy. Grants will provide initial one-year funding for new or innovative research.

Deadline date is *November 1*. For further information, please contact ORA at 978-2163.

## Upcoming Deadline Dates

American Council of Learned Societies — travel grants for humanists to international meetings abroad (citizens or permanent residents of US only): *November 1*

American Lung Association — research grants: *November 1*

J.P. Bickell Foundation — research grants: internal deadline for non-medical and medically related applications from investigators outside the Faculty of Medicine is *November 16* at ORA.

Applicants in the Faculty of Medicine are advised that their deadline is *November 5* at the research office of the Faculty of Medicine.

Canada Council — programs in writing and publishing: applications must be submitted six weeks before one of the four meetings of the board held each year. The next meeting is in December.

Canadian Heart Foundation — fellowships: *December 1*.

Canadian Liver Foundation — research grants, scholarships, fellowships: *November 15*.

Canadian Lung Association — fellowships: *December 15*.

Canadian National Institute for the Blind, E.A. Baker Foundation — grants: *December 15*.

Canadian National Sportsmen's Fund — research awards: *November 15*.

Lady Davis Fellowship Trust — visiting professorships: *December 1*.

Energy, Mines & Resources — research awards: *November 15*.

Fitness & Amateur Sport (Fitness Canada) — research grants (forms at ORA): *November 16*.

Gerontology Research Council of Ontario — research grants, fellowships: *December 1*.

1985 Harvey Prize — nominations: *October 31*. Health & Welfare Canada — NHRDP new projects: *December 1*.

Hospital for Sick Children Foundation — project support: *November 1*.

Human Nutrition Research Council of Ontario — fellowships, project grants: *December 1*.

MRC — operating (renewals), major equipment, maintenance (renewals), MRC groups (renewals), program grants (full application), MRC scientists: *November 1*; biotechnology training centre and retraining grants, MRC fellowships, Centennial fellowships: *December 1*.

National Cancer Institute of Canada (NCIC) — research and equipment: *November 15*.

National Institutes of Health (US) — new research grants: *November 1*.

NSERC — operating grants (individual, team and project), infrastructure, equipment and major equipment, northern supplement, conference, travel, university research fellows: *November 1*.

Ontario Mental Health Foundation — all personnel awards (except student-ships): *November 30*.

Ontario Ministry of Health — research projects: *November 1*;

fellowships and career scientists: *November 15*.

Ontario Ministry of Natural Resources — research grants: *January 1*. (Please note extended deadline.)

Physicians' Services Inc. (PSI) Foundation — research grants: *December 15*.

Damon Runyon-Walter Winchell Cancer Fund — fellowships: *December 15*.

Savoy Foundation — research grants: *November 1*.

SSHRC — aid to occasional scholarly conferences in Canada: *October 30*;

travel grants for international conferences held Feb. 1 - April 30, 1985: *November 1*;

strategic grants division, development of management research, management reorientation fellowships (new and renewal), doctoral completion fellowships (new and renewal), research initiatives: *November 15*.

U of T Research Board, Humanities & Social Sciences Committee — general research grants (up to \$1,800): *October 23*; grants-in-aid, research travel grants: *15th of any month*.

# PhD Orals

Since it is sometimes necessary to change the date or time of an oral examination, please confirm the information given in these listings with the PhD oral office, telephone 978-5258.

## Monday, October 22

John David Johnston, Department of Education, "A Social Learning and Cognitive-Behavioural Analysis of Aggressive and Violent Behaviour." Prof. C. Christensen. Room 309, 63 St. George St., 2 p.m.

## Friday, October 26

Adam Francis Anthony Davis, Department of Anthropology, " 'You're Your Own Boss': An Economic Anthropology of Small Boat Fishing in Port Lameron Harbour, Southwest, Nova Scotia." Prof. W.P. Carstens. Room 111, 63 St. George St., 10 a.m.

Ricardo Julio Harris, Department of Education, "Play Diagnosis." Prof. O. Weininger. Room 301, 65 St. George St., 10 a.m.

Denis Gabriel Rancourt, Department of Physics, "Hyperfine Field Fluctuations in the Mossbauer Spectrum of Magnetic Materials: Application to Small Particles and to the Bulk Antiferromagnet Fe(2-X)Cr(X)As." Prof. J.M. Daniels. Room 301, 65 St. George St., 2 p.m.

Roy P. Smith, Department of Mechanical Engineering, "Applied Surface Thermodynamics for the Interaction of Small Particles with an Advancing Solidification

Front." Prof. A.W. Neumann. Room 309, 63 St. George St., 3 p.m.

## Monday, October 29

Mary Pauline Murphy Sutow, Department of Education, "Maternal Personality Characteristics Related to Response to an Infant Intervention Program." Prof. R. MacIntyre. Room 309, 63 St. George St., 10 a.m.

Peter John Harris Jones, Department of Nutritional Sciences, "Whole Body Oxidation and Absorption of Dietary Fatty Acids in Humans." Prof. M.T. Clandinin. Room 309, 63 St. George St., 2 p.m.

## Wednesday, October 31

Diano Marino, Department of Education, "Re: Framing, a Critical Interpretation of the Collective Production of Popular Education Materials." Prof. E. Sullivan. Room 111, 63 St. George St., 10 a.m.

Ruth Ronen, Centre for Comparative Literature, "The Construction of Fictional Space in Narrative Texts." Prof. L. Dolezel. Room 111, 63 St. George St., 2 p.m.

## Thursday, November 1

Christopher B. Wilson, Department of Computer Science, "Revitalized Circuit Size and Depth." Prof. C. Rackoff. Room 309, 63 St. George St., 3.15 p.m.

## Friday, November 2

Lewis David Johnson, Faculty of Management Studies, "Inflation and Stock Prices." Prof. W.R. Waters. Room 309, 63 St. George St., 10 a.m.

Marlene Shore, Department of History, "The Science of Society: Sociology at McGill University, 1918-1939." Prof. C.C. Berger. Room 111, 63 St. George St., 10 a.m.

## Monday, November 5

Amir Cohen, Department of Education, "The Drama Unfolds: Developmental Aspects of Artistic Creativity in the Second Half of Life." Prof. I. Winchester. Room 309, 63 St. George St., 10 a.m.

## Tuesday, November 6

Cyrus Michael Walker, Department of Education, "The Development of Preschool Social Competence." Prof. D. Shipe. Room 309, 63 St. George St., 2 p.m.

## Wednesday, November 7

Charles Douglas Abel, Graduate Centre for the Study of Drama, "The Acting of Edmund Kean, Tragedian." Prof. L.L. Marker. Room 111, 63 St. George St., 2 p.m.

## Thursday, November 8

Nebojsa Duric, Department of Astronomy, "The Distribution and Origin of Cosmic Rays in Spiral Galaxies — A Test Study of the Galaxy NGC3310." Prof. E.R. Seaquist. Room 309, 63 St. George St., 2 p.m.

# Review of Hannah chair

In accordance with the agreement between the University of Toronto and Associated Medical Services Inc. under which the Hannah Chair in the History of Medicine was established in 1976, an external review of the program will be held Dec. 13 and 14.

Members of the review committee are: Dr. Peter Cruse, professor and head, Department of Surgery, University of Calgary, and medical historian; Dr. Diana Long-Hall, medical historian and director of The Francis C. Wood Institute, Philadelphia; Dr. C.M. Godfrey, Faculty of Medicine, and a member of the Hannah Chair Advisory Committee; and Ray Godfrey, member

of the Board of Associated Medical Services, Inc.

The committee invites written submissions from the University community, commenting on the activities of the chair from 1979 to the present, and suggesting future programs and functions of the chair. These submissions should be sent by *November 23* to the chairman, Hannah Review Committee, c/o dean's office, Faculty of Medicine.

Interested individuals may also request appointments to meet with the committee, by contacting the dean's office at 978-2710.

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# IN THE NEWS

## Police killings: coincidence or pattern?

Do the recent police slayings — four of them in the Toronto area — mark the beginning of a trend or the end of a series of grisly coincidences?

**Chris Webster**, professor of psychiatry, psychology and criminology and research scientist for Metropolitan Toronto Forensic Services (Clarke Institute), inclines toward the latter explanation.

"There has been a lot of attention focused on the issue, quite understandably. But the thing is, this is a very rare occurrence. Not long ago I did a study of all the homicide files in Toronto over a four-year period, and I don't recall any police killings in that period. In other words, if you average these killings over five, six or 10 years, the murder of a policeman becomes a very rare phenomenon.

"I think it is important not to think about these killings as a sudden trend. If you are a policeman, you immediately begin to see them in these terms, but — and without seeming unsympathetic to the policemen — one must be careful that this is not used for quasi-political reasons, to increase the size of police budgets, to ensure there are more police, more gear, more everything. And then you have the question of bringing back capital punishment . . . yet there is no necessary connection here.

"I don't think we should rush into major policy changes and huge expenditures, which may, in the broader view, be most unwise. We have to bear in mind that in the main, Toronto is a very safe city in which to live.

"Let me give you a specific example. About a year ago we had a series of hold-ups in milk stores. I remember being lugged off to a television station to talk about milk stores, the need for greater security, and all the rest of it. Again, we had had three or four in a row, but to my knowledge, we haven't had any since."

Webster, who studies dangerous behaviour and its preventability, has grave doubts about whether the police killings could have in any way been avoided. However, he does not discount the possibility that the earlier killings in part motivated the later ones.

"That is one of the things that worry me, that the press, which has its job to do, may have some role, as yet quite undetermined, in terms of actually increasing these possibilities. So little is known about the effects of the press that it is extremely hard to say. But I think that the coverage we get is slanted and pulled out of context.

"There is a lot of work being done on decision theory and the extent to which people are not influenced by

statistical probability. In other words, you can give people lots of statistical information, but so long as you give them juicy character sketches and vignettes, they will be more influenced by those vignettes, and apply them far more broadly than a statistical representation would warrant.

"The difficulty in saying something like this is that I can easily come across as some sort of detached researcher who is unwilling to become emotionally involved in any of this and is unsympathetic to the police. People will say if you don't want to press for big changes and big expenditures, you don't care. That is not the point of view I have at all. I just say that, over the long range, the problem may be made worse rather than better by focusing an inordinate amount of attention on it at this time.

"You have to remember, there are about 50 killings in Toronto a year. And more than half of those murders occur in the home. Nothing like this attention is focused on a murder when a husband kills his wife, because it is not a threat to authority. But as soon as the police are under attack, or the president of the US or the Pope are under attack, it is a threat to authority and the established order of society."

There is also the question of prior influence by violent television programs and movies, a continuing source of dispute among experts. "You can find researchers," comments Webster, "with opinions to the effect that exposing children and, indeed, adults to these kinds of materials will lead to untoward effects. You can also find research that suggests that nothing much happens as a result of that exposure. There are considerable methodological problems in determining whether such exposure does have its effects.

"I suppose it might be safe to say that at least in the rare event it is possible that some individuals might be influenced by what they see on television or movies and the like and act out these crimes. But again, it is important not to over-react to that, because the evidence is by no means clear."

A.K.

## On the inside, leading by a chin is . . .

There is no shortage of possible contenders for Bill Davis' job as Conservative leader. To assess the chances of various hopefuls the *Bulletin* spoke to political science professor **Ron Blair**.

"It's not as easy to predict a successor here as it would be for a party with a dead loser as leader — they'd look for the opposite qualities in a successor. The federal Conservatives lost with Joe Clark, who has a small chin, so they elect a leader with a big chin.

"The Ontario Tories like to stick to a formula, but the party can be unsettled. Allan Lawrence was a maverick who came within 44 votes of defeating Davis for the leadership."

His appraisal of the front runners: **Larry Grossman**:

"There's never been a leader from Toronto; Kemptville, Guelph, Brampton, yes. The party likes to balance rural and urban. Grossman's problem is he's not a 'good old boy'."

**Dennis Timbrell**: "He's in the mould of Davis, an acolyte, but it pales. He's dull, bland, too asleep. He took on the agriculture portfolio to give himself a rustic image. He's been running hard — his staff have given him a makeover in the last few years: contact lenses, new hairdo and so on."

**Frank Miller**:

"He incarnates Conservative values, but two things work against him: his heart attack (in 1976) and his writing himself out of the race last year. If Allan Pope (natural resources minister) throws his support to Miller, that makes Miller a strong contender. He may make it as a compromise candidate over Grossman and Timbrell with those who feel, 'I don't know who I want, but not either of them.' Miller's trouble is that he doesn't have the royal jelly. Davis may be a nice guy, and folksy, but he has this aura that says, 'I am the premier'; Miller doesn't. The party may not win with him, and they're looking for winability."

**Darcy McKeough**:

"There's no dark horse, but Darcy may be the John Turner. I think he'll make an end run at it. He's seen as right wing, but he was a very effective minister."

**Roy McMurtry**:

"He wouldn't make it. He's a city lawyer, a Rumpole, but he's got a lot of support in important sectors."

**Bette Stephenson**:

"No, no hope. Would be only a sacrifice candidate because she's a woman. She's strident and aggressive, not a peacemaker."

J.D.



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## THE KATHERINE BAKER MEMORIAL LECTURES

under the auspices of the Faculty of Law, New College and the Students' Administrative Council, University of Toronto

## Mr. Geoffrey Pearson

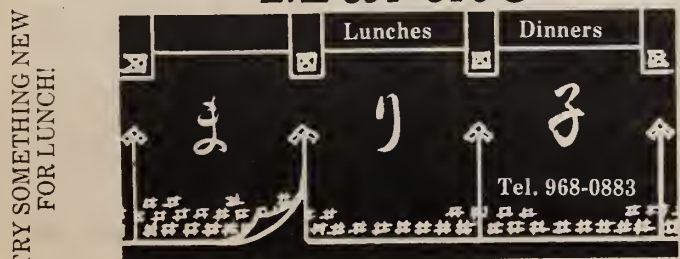
Canadian Ambassador to the U.S.S.R., 1980-1983;  
Sometime Special Adviser to the Prime Minister on  
Arms Control and Disarmament

## Canada's Role in the Search for World Peace

Wednesday, October 24, 1984  
4:00 p.m.

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## Lectures

### Subject, Unity and Method in Aristotle's Metaphysics.

*Monday, October 22*  
Prof. Em. Hippocrates  
Apostle, Grinnell College.  
Common room, Pontifical  
Institute of Mediaeval  
Studies. 4.10 p.m.  
(Medieval Studies, PIMS,  
Philosophy and SMC)

### Levels of Religious Consciousness: The Religion of Saints.

*Tuesday, October 23*  
Dean P. Sriramamurti,  
Andhra University, India.  
Centre for Religious Studies  
Lounge, 14-352 Robarts  
Library. 2 p.m.  
(South Asian Studies)

### Identités nationales-régionales et littérature.

*Tuesday, October 23*  
Prof. Robert Escarpit, Uni-  
versité de Bordeaux. 152  
University College. 4 p.m.  
(French and SGS)

### Claims of Extraterritorial Jurisdiction: Important Issues in Canada-USA Economic Relations.

*Tuesday, October 23*  
Douglas E. Rosenthal,  
Washington, DC. Solarium,  
Falconer Hall. 4.15 p.m.  
(Law, International Rela-  
tions Committee, CIS and US  
Consulate General)

### Mind and Matter '84.

**New Discoveries at U of T**  
*Tuesday, October 23*  
Lasers Make Light Work.  
Prof. Stephen Wallace,  
Department of Chemistry.  
*Tuesday, October 30*  
New Advances in Medical  
Research. University Prof.  
Louis Siminovich, Depart-  
ment of Medical Genetics.  
Room 3, Northrop Frye Hall,  
Victoria College. 8 p.m.

### Contemporary Values.

*Tuesday, October 23*  
Human Rights: Within and  
Without the Law. Alan  
Borovoy, Canadian Civil  
Liberties Association.  
*Tuesday, October 30*  
The Soul of the Matter: The  
Expanding Frontiers of  
Scientific Research and  
Man's Relationship to the  
Consequent Conceptual  
Problems Posed. Prof.  
J.N.P. Hume, Department of  
Computer Science and  
Massey College.  
Alumni Hall, Victoria Col-  
lege. 8 p.m.  
Second and third of three in  
fall series. Single lecture \$8.  
*Information and registra-  
tion: 978-3813.*  
(Alumni of Victoria College)

### Pour une theorie du discours social: perspectives de recherche.

*Wednesday, October 24*  
Prof. Marc Angenot, McGill  
University. Upper Library,  
Massey College. 4 p.m.  
(French, SGS and Com-  
parative Literature)

### Canada's Role in the Search for World Peace.

*Wednesday, October 24*  
Geoffrey Pearson, External  
Affairs, Ottawa; Katherine  
Baker memorial lecture.  
Wetmore Hall, New College,  
Classic Ave. 4 p.m.  
(New College, Law and SAC)

### Gairdner Foundation Lectures.

Lectures by winners of 1984  
Gairdner Foundation Inter-  
national Awards presented  
for contributions in the field

of medical science. All lec-  
tures for members of the  
medical profession and  
senior students will be given  
in the auditorium, Medical  
Sciences Building.

### Thursday, October 25

**Viruses, Genes and Cancer.**  
Drs. Harold E. Varmus and  
J. Michael Bishop, Univer-  
sity of California School of  
Medicine, San Francisco.  
12.10 p.m.

### Medical Folklore or Fact? A Serendipitous Saga Exploring the Magic Properties of the Scarlet Periwinkle.

Dr. Robert L. Noble, Univer-  
sity of British Columbia.  
12.50 p.m.

### How Do Brain Cells Communicate?

Dr. Krešimir Krnjević,  
McGill University. 1.20 p.m.

### Friday, October 26

**DNA Polymorphism in Human Genetics.**  
Dr. Yuet Wai Kan, Univer-  
sity of California School of  
Medicine, San Francisco.  
12 noon.

### Guanine Nucleotide-binding Regulatory Proteins and Adenylate Cyclase.

Dr. Alfred G. Gilman, Uni-  
versity of Texas Health  
Science Center, Dallas.  
and

### Membrane Transduction: 1984 Style.

Dr. Martin Rodbell, National  
Institutes of Health,  
Bethesda.  
12.30 p.m.

### A Quebec Perspective on Federal-Provincial Relations.

*Thursday, October 25*  
Pierre-Marc Johnson,  
Quebec Minister of Justice  
and Intergovernmental Af-  
fairs. Croft Chapter House,  
University College. 3 to  
5 p.m.  
(Political Science and  
French)

### Minho (Portugal) and Contemporary Migration.

*Thursday, October 25*  
Caroline Brettell, Newberry  
Library, Chicago. 2128  
Sidney Smith Hall. 4 p.m.  
(European Studies Commit-  
tee, CIS)

### The Myth of the Myth of the Given.

*Thursday, October 25*  
Prof. Thomas Vinci,  
Dalhousie University. 152  
University College. 4.10 p.m.  
(Philosophy)

### Eric Gill.

*Thursday, October 25*  
Fr. Brocard Sewell; illus-  
trated lecture on works of  
English Christian artist.  
Theatre, Alumni Hall, 121  
St. Joseph St. 8 p.m.  
Tickets \$2; reservations,  
926-7135.  
(Christianity and Cultural  
Program, SMC)

### Royal Canadian Institute.

#### The Streets of Toronto.

*Sunday, October 28*  
Kenneth Greenberg, City of  
Toronto Department of Plan-  
ning and Development;  
Toronto Sesquicentennial  
lecture.

### The Ontario Science Centre: The Delights of Science Revealed.

*Sunday, November 4*  
Prof. Em. J. Tuzo Wilson,  
Ontario Science Centre; joint  
meeting with Science  
Teachers' Association of  
Ontario.  
Auditorium, Medical  
Sciences Building. 3 p.m.

### Toqueville and the Division of Labour (with a Look Backward to Adam Smith and a Look Forward to J.S. Mill).

*Monday, October 29*  
Prof. Michael Walzer,  
Princeton University; Olin  
lecture in American political  
culture. Council Chamber,  
Alumni Hall, 121 St. Joseph  
St. 4 to 6 p.m.  
(Political Science)

### Seagram Lectures.

#### New Perspectives on the American Gilded Age.

*Tuesday, October 30*

#### Comparative White Supremacy: A Broader View.

*Thursday, November 1*  
Prof. George M.  
Fredrickson, Stanford Uni-  
versity. George Ignatieff  
Theatre, Trinity College,  
Devonshire Place. 4 p.m.  
(History)

### The Structure and Function of the Human T-cell Receptor.

*Tuesday, October 30*  
Dr. Tak Mak, Department of  
Medical Biophysics.  
Auditorium, Hospital for  
Sick Children. 7 p.m.  
(Pathology)

### E.B. Eddy Distinguished Lecture Series.

#### A Strategy for CIDA Forestry Cooperation.

*Wednesday, October 31*  
Ralph W. Roberts, Canadian  
International Development  
Agency.

### Wood Energy in Latin America — Issues and Prospects.

*Thursday, November 1*  
William D. Beattie, World  
Bank.  
Auditorium, Addiction  
Research Foundation.  
12 noon.  
(Forestry)

### Isaac Newton and His Mental Illness.

*Wednesday, October 31*  
Dr. Charles Anthony Storr,  
University of Oxford.  
Auditorium, Clarke Institute  
of Psychiatry. 12 noon.  
(Psychiatry)

### Disrupting Sexual Difference: Meaning and Gender in Shakespearean Comedy.

*Thursday, November 1*  
Prof. Catherine Belsey, Uni-  
versity College, Cardiff. 113  
Emmanuel College.  
3.10 p.m.  
(Literary Studies, Victoria  
College and Women's  
Studies, New College)

### Africa Counts: Number and Pattern in African Culture.

*Thursday, November 1*  
Claudia Zaslavsky; Kenneth  
O. May lecture. 301 Victoria  
College. 4 p.m.  
(IHPST)

### Islam in the Modern World: Response and Challenge.

*Thursday, November 1*  
Prof. Yvonne Haddad, Hart-  
ford Seminary; Wiegand lec-  
ture series 1984-85, Four  
Women Lecture on  
Challenges to Faith. Room 3,  
Northrop Frye Hall, Victoria  
College. 8 p.m.  
(Arts & Science)

### Separation of the Siamese Twins.

*Monday, November 5*  
Dr. Robert M. Filler, Depart-  
ment of Surgery. 2172  
Medical Sciences Building.  
4 p.m.  
(Pathology)

## Seminars

### Levels of Religious Consciousness: The Upanisads and the Gita.

*Monday, October 22*  
Dean P. Sriramamurti,  
Andhra University, India.  
Centre for Religious Studies  
Lounge, 14-352 Robarts  
Library. 10 a.m.  
(South Asian Studies)

### The Origins of the Canadian Wheat Board.

*Monday, October 22*  
Prof. Abraham Rotstein,  
Department of Economics;  
economic history workshop.  
3037 Sidney Smith Hall.  
8 p.m.  
Copy of paper \$3 from  
Ursula Gutenberg, Depart-  
ment of Economics.

### Homotropic Effects in the Regulatory Enzyme Aspartate — Transcarbamylase.

*Tuesday, October 23*  
Prof. W.N. Lipscomb,  
Harvard University, Nobel  
laureate. 3153 Medical  
Sciences Building. 3.30 p.m.  
(Biochemistry)

**Gairdner Foundation.**  
Seminars by winners of 1984  
Gairdner Foundation Inter-  
national Awards presented  
for contributions in the field  
of medical science.

*Wednesday, October 24*  
**Prolactin-dependent T-cell Lymphomas and Their Response to Vinblastine.**  
Dr. Robert L. Noble, Univer-  
sity of British Columbia.  
Basement Auditorium,  
Princess Margaret Hospital.  
8.30 a.m.  
(Medicine)

### Retroviruses and Cancer Genes.

Dr. J. Michael Bishop, Uni-  
versity of California, San  
Francisco. 3153 Medical  
Sciences Building. 11 a.m.  
(Medical Genetics)

### Genetic Diagnosis by DNA Analysis.

Dr. Yuet Wai Kan, Univer-  
sity of California, San Fran-  
cisco. Lecture theatre,  
College wing, Toronto  
General Hospital. 4 p.m.  
(Clinical Biochemistry and  
Medicine)

### GTP-Regulatory Proteins as Intracellular Messengers: an Hypothesis.

Dr. Martin Rodbell, National  
Institutes of Health,  
Bethesda. 4279 Medical  
Sciences Building. 4 p.m.  
(Institute of Medical Science)

### Thursday, October 25

#### A Unique Stage of Progression in Breast Cancer of Rats Featuring Progression after Pulsed Doses of Oestrogen.

Dr. Robert L. Noble, Univer-  
sity of British Columbia. 243  
Princess Margaret Hospital.  
9 a.m.  
(Medicine)

### Neuroblastoma and Oncogenes.

Dr. J. Michael Bishop, Uni-  
versity of California, San  
Francisco. Main lecture  
theatre, Toronto General  
Hospital. 9.00 a.m.  
(Medicine)

### Diagnosis and Treatment of Thalassemia.

Dr. Yuet Wai Kan, Univer-  
sity of California, San Fran-  
cisco. Main lecture theatre,  
Toronto General Hospital.  
9.30 a.m.  
(Medicine)

### Receptor-regulating G Proteins.

Dr. Alfred G. Gilman, Uni-  
versity of Texas Health  
Science Center, Dallas. 3153  
Medical Sciences Building.  
3 p.m.  
(Pharmacology)

### Friday, October 26

#### Mechanisms of Retroviral Oncogenes.

Dr. Harold E. Varmus, Uni-  
versity of California, San  
Francisco. Basement  
auditorium, Princess  
Margaret Hospital. 10 a.m.  
(Medical Biophysics)

#### Ephaptic Transmission.

Dr. Krešimir Krnjević,  
McGill University. 3227  
Medical Sciences Building.  
3 p.m.  
(Neurology)

### Legal Theory Workshop Series.

#### Rights and Goals.

*Wednesday, October 24*  
Prof. Wayne Sumner,  
Department of Philosophy.  
Solarium, Falconer Hall.  
12.10 to 1.45 p.m.  
Copy of paper in advance \$3  
(includes lunch) from Verna  
Percival, Faculty of Law,  
978-6767.

### Experimental and Human Pathology.

#### Reaction of Liver to Toxic Injury.

*Wednesday, October 24*  
Dr. Shao-Nan Huang,  
Sunnybrook Medical Centre.

### Experimental Hereditary Nephritis.

*Wednesday, October 31*  
Dr. Paul Thorner, Hospital  
for Sick Children.  
4171 Medical Sciences  
Building. 4 p.m.

### Liberalism and Pornography.

*Friday, October 26*  
Lorenne Clarke, Clarke &  
Associates, Digby, NS; Clara  
Brett Martin workshop  
series 1984-85. Solarium,  
Falconer Hall. 1 p.m.  
(Law)

### God and Form in Plato: In Which It Is Also Suggested that John Philoponus Understood the Timaeus Better than Many Later Scholars.

*Friday, October 26*  
Prof. J.M. Rist, Department  
of Classics. 148 University  
College. 3 p.m.  
(Classics)

### Law and Economics Workshop Series.

#### Towards an Undistorted Choice and Equal Treatment in Corporate Takeovers.

*Wednesday, October 31*  
Prof. Lucien Bebchuk, Har-  
vard Law School. Solarium,  
Falconer Hall. 12 noon to  
1.45 p.m.  
Copy of paper in advance \$3  
(includes lunch) from Verna  
Percival, Faculty of Law,  
978-6767.

### Constitutional Folly in John Turner's Downfall.

*Thursday, November 1*  
Prof. Peter Russell, Depart-  
ment of Political Science.  
Innis College Town Hall.  
7.30 p.m.  
(Innis)

### Historical Census Data and the Analysis of Class and Mobility in 19th Century Ontario.

*Friday, November 2*  
Prof. Gordon Darroch, York  
University; second of three  
Urban Centre brown bag  
seminars. Room 204, 455  
Spadina Ave. 12.15 p.m.  
*Information: 978-4478.*

### The Linguistics of Speaking and Writing.

*Monday, November 5*  
Prof. Wallace Chafe, Univer-  
sity of California, Berkeley;  
second in monthly series,  
Problems in Literacy. Coach  
House, 39A Queen's Park  
Crescent E. 7.30 p.m.  
(McLuhan Program in  
Culture & Technology)

## Governing Council & Committees

### Admissions, Curriculum & Standards Subcommittee.

*Wednesday, October 24*  
Council Chamber, Simcoe  
Hall. 4 p.m.

UNIVERSITY OF TORONTO

# Bulletin

## Events deadlines

Please note that information for Events  
listings must be received in writing at the  
*Bulletin* offices, 45 Willcocks St., by the  
following times:

**Bulletin Events for issue of November 5:**  
**Monday, October 22 at 5 p.m.**

**Bulletin Events for issue of November 19:**  
**Monday, November 5 at 5 p.m.**

### Dr. Joanne Lamarche-Craven

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# Events

## Colloquia

**Multiple Bonding Involving Some Heavier Main Group Elements.**  
*Friday, October 26*  
Prof. A. Cowley, Texas A & M University. 158 Lash Miller Chemical Laboratories. 3.30 p.m.

**Magnetic Field Structures in Compact Radio Jets.**  
*Wednesday, October 31*  
Prof. Thomas W. Jones, University of Minnesota. 137 McLennan Physical Laboratories. 3.10 p.m. (Astronomy and Canadian Institute of Theoretical Astrophysics)

## Meetings & Conferences

**Symposium on Fifth Generation Computing: The Hard Problems.**  
*Friday, October 26*  
State-of-the-art assessments of Fifth Generation areas of architecture, software environments, machine knowledge representation, expert systems, natural language interfaces, computer vision, intelligent robotics and cognitive science. George Ignatieff Theatre, Trinity College, Devonshire Place. 9 a.m. to 5 p.m.  
*Please note:* admission is by invitation only.  
*Information:* Department of Computer Science, 978-6025.

**Communication and the Arts: Prehistory to the Present.**  
*Friday, October 26 and Saturday, October 27*  
Society for Mesopotamian Studies annual meeting conference. Sessions in Medical Sciences Building and Galbraith Building; Friday 9.30 a.m. to 4.30 p.m., Saturday 9.30 a.m. to 1.15 p.m.; topics include art, dance, music and development of writing. Saturday afternoon ROM tour. Registration each day, 3163 Medical Sciences Building, 9 to 9.30 a.m. Registration fees: members, conference including Friday evening buffet, \$75, students \$45; Saturday only \$15, students \$5; non-members, conference including buffet

\$100, Saturday only \$30.  
*Information:* Society for Mesopotamian Studies, RIM Project, Textbook Store, 280 Huron St., 978-4769. (RIM and SSHRC)

**Editing, Publishing and Computer Technology.**  
20th annual Conference on Editorial Problems  
*Friday, November 2*  
Software Requirements for Computer-Aided Critical Editions.  
*Saturday, November 3*  
The Computer and Lexicography: The Dictionary of Old English; Photocomposition and Bibliography: *Shakespeare Quarterly's* Annual "Annotated World Bibliography"; A Main-Frame Based Photocomposition System for Scholarly Publishing; Waterloo and the New *Oxford English Dictionary* Project. 179 University College. Friday 5.45 p.m.; Saturday 9.30 a.m. to 5 p.m. Registration Croft Chapter House, Friday from 5 p.m. Registration fee (includes Friday dinner and Saturday lunch) \$50 with published proceedings, \$30 without. *Information and registration:* Conference on Editorial Problems, University College; Prof. S. Butler (UC) 978-8883; or Prof. W.P. Stoneman (Vic), 978-3897. (UC and SSHRC)

## Miscellany

**UC Alumni Lunch and Lecture Series.**  
*Tuesday, October 23*  
Hon. Jean Wadds.  
*Monday, October 29*  
Senator Lorna Marsden. Great Hall, Hart House. 12 noon.  
Tickets series of four \$35; single \$10.  
*Information and registration:* 978-2968.

**Women in Toronto Today.**  
*Tuesday, October 23*  
Women and the Institution. Last in series of lunch-time panels. Innis College Town Hall. 12.15 p.m.

**Women and Peace.**  
*Wednesday, October 24*  
Third in series of bag-lunch talks. Library, New College, 20 Willcocks St. 12 noon. (Women's Studies)

**Trinity College Book Sale.**  
*Wednesday, October 24 to Saturday, October 27*  
Annual book sale. Seeley Hall, Trinity College. Wednesday, 7 to 10 p.m.; Thursday, 11 a.m. to 9 p.m.; Friday, 10 a.m. to 5 p.m.; Saturday, 10 a.m. to 1 p.m. Opening night admission \$1 includes refreshments.  
*Information:* 978-2651.

**The Filmmakers III.**  
*Friday, October 26*  
Open forum with Robert Wise; Norman Jewison lectures. Room 3, Northrop Frye Hall, Victoria College. 12 noon.  
*Information:* 978-3806. (Victoria and Cinema Studies)

**Women in the Arts Celebration.**  
*Friday, October 26*  
Talk by Kay Graham, artist; revival of *Sweet Girl Graduate*; exhibition by Scarborough alumna Sandy Brand. Scarborough College. Reception 7.30 p.m.  
*Information:* 284-3243.

**Encyclopedia of Ukraine.**  
*Friday, October 26*  
Dinner to celebrate publication of first volume, featuring Steven Staryk, violin. Great Hall, Hart House. Reception 6.30 p.m., dinner 7.30 p.m. Tickets \$50 from Department of Public & Community Relations.  
*Information:* 978-6564.

**Scarborough College.**  
*Tuesday, October 30*  
Installation of Prof. G. Ronald Williams as sixth principal of Scarborough College. Meeting Place, Scarborough College. 3.30 p.m.

## Concerts

**FACULTY OF MUSIC EDWARD JOHNSON BUILDING**  
**Bach, Handel, Scarlatti.**  
*Tuesday, October 23*  
Bach's Debt to the Distant Past; Prof. Andrew Hughes, Faculty of Music. Common Room.  
Rosalyn Tureck, piano. MacMillan Theatre.

*Tuesday, October 30*  
A Handel Portrait; Prof. Mary Ann Parker-Hale, Faculty of Music. Common Room.  
Jörg Demus, piano. Walter Hall.  
First two in series of seven lectures and recitals honouring the tricentenary of the births of J.S. Bach, G.F. Handel and Domenico Scarlatti, co-sponsored by CBC Stereo.  
Lectures 7 p.m., concerts 8 p.m.  
Lectures free; concerts, single tickets \$12.50, students and senior citizens \$7.50. Series ticket prices available from box office, 978-3744.

**Thursday Afternoon Series.**  
*Thursday, October 25*  
Reflections on Imagination and Reality. Prof. Em. John Weinzweig, Faculty of Music.  
*Thursday, November 1*  
Compositions by Student Composers. Walter Hall. 2.10 p.m.

**Faculty Artists Series.**  
*Saturday, November 3*  
John Tuttle, organ, and U of T Chamber Orchestra; Lorand Fenyves, violin; William Aide and Patricia Parr, piano; Eugene Rittich, horn. Second of four concerts planned and performed by the faculty's artists. Walter Hall. 8 p.m.  
Tickets \$9, students and senior citizens \$5.

*Information on all concerts in Edward Johnson Building available from box office, 978-3744.*

**Israel Fair.**  
*Wednesday, October 31 and Thursday, November 1*  
Exhibitions on education, economy, technology, history, geography, archaeology, people and culture of Israel, as well as Israeli

## Exhibitions

**John Wesley — The Father of Methodism.**  
*To October 31*  
E.J. Pratt Library, Victoria University.

**Scarborough College.**  
*To October 27*  
Narration in Colour, Sandy Brand. Gallery hours: Monday-Thursday, 9 a.m. to 7 p.m.; Friday, 9 a.m. to 5 p.m.; Sunday, 2 to 5 p.m.

**Quiet Places.**  
*To October 27*  
24 colour photographs taken around the world by Prof. J.B. Gilmore, Department of Psychology. 240 University College. Gallery hours: weekdays 12 noon to 1.30 p.m. and 4.30 to 5.30 p.m.; Saturdays, 12 noon to 2.30 p.m., and by appointment, 978-3405.

**ROYAL CONSERVATORY OF MUSIC**  
**Noon-hour Series.**  
*Wednesday, October 24*  
Antonis General, piano. Concert Hall. 12.15 p.m.

**Martin Beaver, Violin.**  
*Friday, October 26*  
First in series of concerts highlighting outstanding student performers. Concert Hall. 5.15 p.m.

**Royal Conservatory Orchestra.**  
*Friday, October 26*  
Guest conductor Simon Streatfeild. Church of the Redeemer, Bloor and Avenue Rd. 8 p.m. Tickets \$9.50, \$7 and \$4.50; students, senior citizens and handicapped \$7, \$5.25 and \$3.50; details on subscriptions from box office, 978-5470.

**CJRT-FM Series.**  
*Sunday, October 28*  
Jennifer Swartz, harp.  
*Sunday, November 4*  
Eric Zivian, piano. Sunday evening series of performances by outstanding Conservatory students. Broadcast 5 p.m. CJRT-FM radio 91.1.

**Twilight Series.**  
*Thursday, November 1*  
Virginia Markson, flute, with George Brough, piano. Concert Hall. 5.15 p.m. Tickets \$2, students and senior citizens \$1.

**Baroque Vocal Technique.**  
*Monday, November 5*  
Mozart: Cadenza Ornamentation; Julianne Baird, soprano; last in series of four lecture/demonstrations. Concert Hall. 8 p.m. Tickets: \$8, students and senior citizens \$5.

*Information on all Conservatory concerts available from publicity office, 978-3771.*

jewellery, art, music, food and crafts. Lobby, Sidney Smith Hall. 9 a.m. to 4 p.m.  
*Information:* Jordan Max or Karen Anthony, 923-9861. (B'nai Brith Hillel Foundation/JSU)

**Justina M. Barnicke Gallery, Hart House.**  
*To November 8*  
West Gallery: David Kaye, woven wall hangings. East Gallery: Susan Scott, paintings and drawings illustrating sayings. Gallery hours: Tuesday-Saturday, 11 a.m. to 6 p.m.

**Robarts Library.**  
**Developing Partnerships.**  
*November 1 to 26*  
Multicultural education in Canada. Main display area. (U of T, Metropolitan Toronto Public Libraries, Canadian Council for Multicultural & Intercultural Education and Ontario Multicultural Association)

**Andrei Sheptyts'kyi: His Life and Work.**  
*October 29 to November 29*  
Publications by and about Andrei Sheptyts'kyi. Display case, south entrance. (Chair of Ukrainian Studies)



## The Ukraine — old and new

The Millenium Collection of 21 Old Ukrainian books, a collection of 17th and 18th century books first housed in Ukrainian monasteries, was presented to the Thomas Fisher Rare Book Library earlier this month. Purchase was made through funds obtained by the Chair of Ukrainian Studies Foundation. Shown here is the title page of *The New Testament* (Kiev, 1732).

Modern Ukrainian scholarship will be celebrated at a dinner later this month at Hart House marking publication of Volume I of the *Encyclopedia of Ukraine*. Based on 25 years of work by more than 100 scholars around the world, the encyclopedia provides a guide to the life and culture of Ukrainians in Ukraine and in the diaspora. Managing editor of the project is Danylo H. Struk, U of T professor of Slavic languages and literatures. The book is published by U of T Press.

## Plays & Readings

**U.C. Poetry Readings.**  
*Monday, October 22*  
Elizabeth Brewster reads her own poems.  
*Monday, October 29*  
Michael Kirkham reads Shakespeare.  
*Monday, November 5*  
The Poetic Tree, Julian Patrick. Walden Lounge, University College Union, 79 St. George St. 4.10 p.m.

**Poetry Reading.**  
*Thursday, October 25*  
Readings by Ella Bobrow and Dale Luceraeus, with music by Richard Summerbill. International Student Centre. 8 p.m.

**GLEN MORRIS STUDIO**  
**Blood Relations.**  
*Tuesday, October 30 to Sunday, November 4*  
By Sharon Pollock. Graduate Centre for the Study of Drama 1984-85 studio season. 4 Glen Morris St. Tuesday-Saturday 8 p.m., Sunday 2 p.m. Tickets \$3, students and senior citizens \$2. *Information and reservations, 11 a.m. to 5 p.m., Monday-Friday: 978-8668; performance box office 6 to 8 p.m., Sunday matinée 1 to 2 p.m., 978-8705.*

## Films

**The Filmmakers III.**  
Series of films and lectures by Robert Wise; Norman Jewison lectures 1984-85. **The Film Editor: The Magnificent Ambersons.**  
*Monday, October 22*  
**The Horror Film: The Haunting.**  
*Tuesday, October 23*  
**The Sci-Fi Film: The Day the Earth Stood Still.**  
*Wednesday, October 24*  
**The Musical: West Side Story**  
*Thursday, October 25*  
Cumberland Four Theatre. 2 p.m. sharp.

Additional evening screenings:  
**The Set-Up.**  
*Monday, October 22*  
**I Want To Live.**  
*Tuesday, October 23*  
**Two for The Seesaw.**  
*Wednesday, October 24*  
301 Victoria College. 7.30 p.m.

**Executive Suite.**  
*Thursday, October 25*  
With Robert Wise in attendance. Room 3, Northrop

Frye Hall, Victoria College. 7.30 p.m.  
*Information:* 978-3806. (Victoria, Cinema Studies, Famous Players Ltd., Astral-Bellevue Classics, New Cinema Enterprises, RKO General Pictures and 20th Century-Fox)

**Imperialism.**  
**You Have Struck a Rock.**  
*Tuesday, October 23*  
Women in South Africa.  
**Passing the Message.**  
*Tuesday, October 30*  
Black trade unions in South Africa. Third and fourth in series of six. Room 153, level A, Sigmund Samuel Library. 12 noon. (Audiovisual Library)

**Dadi's Family.**  
*Thursday, October 25*  
Third in series of 10 films on south Asia. Room 154, level A, Audiovisual Library, Sigmund Samuel Library. 12 to 12.45 p.m. (South Asian Studies)



When Pythagoras discovered the existence of irrational numbers, he was so scandalised by his own discovery that he swore his followers to secrecy lest a general realization that the world cannot be completely represented by integers lead to universal despondency and moral decay. Shortly after Benjamin Franklin invented the lightning conductor, the device was installed in Lisbon, which was promptly devastated by an earthquake, an event widely interpreted as a just and divine retribution for the wickedness of the Lisboans in attempting to thwart the wrath of God. The arrival of the steam locomotive was accompanied by warnings that any speed in excess of 30 miles an hour, which happens to be about the maximum that can be attained by a spirited horse, would probably strain the heart and certainly corrode the soul. The use of anaesthetics during childbirth was attacked on the grounds that it flouted the well understood convention that women should give birth in pain. These glimpses of the past serve to remind us that technological changes have always caused ethical problems and also to reassure us that these problems are often resolved. We now use anaesthetics, trains, lightning conductors and irrational numbers with equanimity.

Inevitably, the discoveries of modern biology have also caused disturbing ethical problems. Consider, for example, our newly acquired ability to fertilize ova outside the body in the much celebrated "test-tube". In response to appeals from women who wished to have children but, because of a block in the tube which connects the ovaries to the womb, were unable to do so by the usual method, this technique was developed. Some regard it as an impermissible intrusion into natural processes even though it affords relief to those unable to use them. Furthermore, this medical procedure often generates more embryo than are needed to produce the desired children. The extra ones are destined for certain destruction and possible experimentation. This feature of the procedure strikes many people as an outrageous trivialization of human life that will ultimately decrease our respect for it. A similar constellation of ethical problems attends the use of a womb other than the biological mother's as a temporary residence for the developing embryo and of sperm other than the legal father's to fertilize the ovum.

# Ethics and modern biology: a humanist view

by R.J.M. Gold



This dispersion of what was previously a cottage industry into a production line, where the process of reproduction is delegated to specialists, is viewed by some as a fatal blow to the family values which underpin our society. Others, however, regard the use of these techniques as a courageous attempt, in difficult circumstances, to be fruitful and multiply.

Formidable as these moral dilemmas are, there are even more formidable ones on the horizon. The techniques to which I have so far alluded, sometimes misleadingly characterized as genetic, actually belong to the realm of reproductive physiology. So far, we

have merely been tinkering with the plumbing which conducts the genes to their destination. Contrary to popular impressions, the science of genetics has so far made only minor contributions to the alleviation of disease. We have been confined to outflanking deleterious genes either by preventing the birth of people who harbour them or by dietary treatment of the diseases which they cause and even these strategies are possible in only a very few cases. We cannot yet repair the defective genes themselves.

It seems likely that this is about to change. The modern techniques of molecular genetics combined with *in*

*vitro* fertilization may enable us to substitute new genes for old. This would offer a genuine and permanent cure for genetic diseases: permanent not only for the patients but for their descendants. It is obvious, however, that these techniques might be used to serve purposes beyond the alleviation of disease. The genetic surgery, initially therapeutic, may become cosmetic. Important characteristics such as physical appearance, temperament and ability, previously handed out to us by the lottery of sexual recombination, may come under our direct control. Although these developments still lie in the future, even the possibility that they might occur is alarming to many.

The ethical problems generated by modern medicine and biology, and I have only touched on a few of them, sometimes seem impossibly difficult. Yet I am reasonably confident that these too will eventually be resolved. It is even likely that our present ethical anxieties will, in time, seem faintly ludicrous like the past ones with which this essay began. This opinion stems from my views about the nature of ethical systems. A system of ethics, being a biological phenomenon, is itself a suitable and permissible object of biological study. Moreover, a dissection of the ethical process itself may contribute to the resolution of ethical problems. A discussion of the ethics of science should therefore include some attempt to arrive at a science of ethics. To this end I offer, for purposes of discussion, the following speculative model of an ethical system.

An ethical system, according to this model, is a complex mixture of attitudes, beliefs and patterns of behaviour which is secreted by society. Its biological function is to establish cohesive and stable social relationships between the members of society in the context of a given environment. This system, like many biological systems, must achieve two goals which are to some extent in conflict with one another, namely, homeostasis and adaptability. In other words, the ethical system must be stable but nevertheless be capable of changing in response to a change in the environment. Too vivid a perception of the extent to which ethical systems are contingent on environments would militate against homeostasis, for people would then change their ethics excessively in response to slight and random fluctuations of the micro-environment. We are therefore equipped with an inhibitor which dulls this perception and substitutes for it the sensation that moral rules emanate from some external and unchanging source, a categorical imperative, to use Kant's useful phrase. However, if this inhibition were complete, no ethical change could occur. A second mechanism is therefore provided whereby significant environmental change induces a release of this inhibition. Under the stimulus of environmental change our awareness of the contingent nature of the ethical system is heightened, enabling us to change it. When the environmental change is complete, the inhibition is restored, the new ethical rules again seem absolute. On the other hand, the previous rules, which were in equilibrium with the previous environment, now seem very queer indeed.

Ethical debate takes place between those who value the homeostatic properties of the system and those who value its adaptive properties. Each party to the debate has its problems. Those who value homeostasis and invoke, for example, the will of God can scarcely avoid noticing that even God's views seem to be regulated by a har-

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## Foundations of the university should be guarded by all its members

A contemplation of the issue of unionization of the University's academic staff raises the following questions: (1) What is the justification for the University's existence? (2) Is the University a mere business venture where academic staff provides "labour" and administration provides "management"?

A.N. Whitehead provided some answers to the above questions in his essay "Universities and Their Function" (In: *The Aims of Education and other essays*. New York: The Macmillan Company, 1929). He said: "The justification for a university is that it preserves the connection between knowledge and the zest of life, by uniting the young and the old in the imaginative consideration of learning. The university imparts information, but it imparts it imaginatively. At least, this is the function which it should perform for society. A university which fails in this respect has no reason for existence. This atmosphere of excitement, arising from imaginative consideration, transforms knowledge. A fact is no longer a bare fact: it is invested with all its possibilities. It is no longer a burden on the memory: it is energising as the poet of our dreams, and as the architect of our purposes."

"Imagination is not to be divorced from the facts: it is a way of illuminating the facts. It works by eliciting the general principles which apply to



the facts, as they exist, and then by an intellectual survey of alternative possibilities which are consistent with those principles. It enables men to construct an intellectual vision of a new world, and it preserves the zest of life by the suggestion of satisfying purposes."

Then he went on to say: "... the management of a university faculty has no analogy to that of a business organization. The public opinion of the faculty, and a common zeal for the purposes of the university, form the only effective safeguards for the high level of university work. The faculty should be a band of scholars, stimulating each other, and freely determining their various activities. You can secure certain formal requirements, that lectures are given at stated times and that instructors and students are in attendance. But the heart of the matter lies beyond all regulation."

## Unionization won't create 'one thin dime'

I find it astonishing that many of my professorial colleagues can seriously plan to form a union. This seems once again to exemplify the adage that "common sense is not very common".

The circumstances under which the labour movement began historically are totally absent for professors at this university. Moreover, the function of the modern labour union, which seems to be to balance economic rewards between the workers and the shareholders, has no counterpart in our situation. Who are the shareholders? Where are the "profits" to be shared?

This university has some serious problems, as we all know. One of these problems is that some members of the academic staff are a trifle underpaid. Unfortunately, unionization will not solve this problem — it will not create one thin dime. Nor will unionization solve any of the other problems either. Instead, it will create several new ones. Another layer of bureaucracy

will have to be created, financed, of course, from new payroll deductions. This new bureaucracy, as part of its "negotiations on our behalf," will proceed to spin an ever-tightening web of regulations relating to our duties, our hours of work, our sources of income, our vacations, and who knows what else.

Perhaps some of us (not I) would be willing to pay this price for, say, a 20 percent pay increase. But who among us really believes that a 20 percent increase is even remotely possible?

Perhaps some staff members are counting on the threat of certification as a bluffing tactic. Unfortunately, our hand is about to be called — and we just don't have the cards.

P.C. Hughes  
Institute for Aerospace Studies

He also warned against the danger of producing a "faculty of very efficient pedants and dullards" that "stunt the promise of youth".

Within the context of imaginative and zestful generation and transmission of knowledge we should ask ourselves whether unionization would polarize the academic staff versus the administrative staff and bring mediocrity into prominence? Also, would the academic staff be able to provide imagination and zest under collective bonds? Is the academic staff motivated solely by dollars and cents or are there intrinsic rewards inherent

in being part of a university community?

I add my voice to that of Hans Kunov ("Unionization is anathema to academic life", *Bulletin*, Oct. 9), in cautioning the academic staff against compromising the foundations of the university which should be guarded by all its members. We should strive to perceive administrative and academic staff as one body whose various constituents work harmoniously to fulfil the intrinsic function of the university.

Berj L. Barkakjian  
Institute of Biomedical Engineering

## Faculty association 'on stronger ground'

Together with many colleagues I have been following negotiations with growing concern. Lengthy and difficult negotiations are not unexpected under current conditions. But the time for a settlement is surely overdue.

The point at issue now is the question of the so called dispute resolution panel. The faculty association has agreed (at least as a conditional alternative offer) to the administration's point that if the panel's decision is not unanimous, either party may repudiate. The condition attached to this is that the panel members be impartial and independent of the parties. In Professor Iacobucci's report of Oct. 10, the presidential negotiating team argues that nominees should be "of the parties" on the grounds that the faculty association's proposition would dilute the autonomy and independence of the University.

The autonomous and independent

status of the University argument is subject to considerable debate as to its real character and as to the relationship between administration and faculty, but granted its validity and merits, the question comes down to the relative weight of fair judgement and balanced representation in the bargaining process. On these grounds it is clear that the faculty association is on far stronger ground. Indeed, all of the advantages put forward by Professor Iacobucci regarding support of the bargaining process can be advanced as effectively if not more effectively by an impartial and independent group of panelists.

Meyer Brownstone  
Political Science and  
Director  
Centre for Urban & Community  
Studies

## Other side of TAs' story missing

I was most disappointed when I read the Oct. 9 issue of the *Bulletin*.

The previous issue (Sept. 25) included a supplement: the complete text of amendments proposed by the Canadian Union of Educational Workers Local 2 to its collective agreement with the Governing Council. In a covering letter, Vice-Provost Brian Merrilees stated that this was done "in order that the University community may have the opportunity to be informed".

To inform the community on an issue with two sides, two stories must be told. Therefore, I was sorry to see that the administration's proposed amendments were not included in the following issue. Your readers might conclude that there is only one story to tell.

This is not the case. The administration has presented a package of changes to the three-year-old agreement as extensive as CUEW's. Moreover, every change is in some way a rollback.

They propose to remove privileges which CUEW members presently enjoy, including virtually every right secured in the two previous collective agreements. For example, they wish to remove a TA's right to a job description and absolve themselves of the responsibility of paying that per-

son until the fall term is half over.

Perhaps the vice-provost did not forward the administration's proposals for publication. I can understand. It is to the administration's advantage not to have both stories told. Even the covering letter would have been an embarrassment. It would have been difficult not to admit these facts: the administration waited until the day before the old contract expired — 11 weeks into the bargaining process — to deliver their concession demands. At the very next meeting they requested conciliation, cancelling all scheduled bargaining sessions and thereby allowing no discussion of their package.

In the interest of informing the community, the *Bulletin* should have proceeded without the direction of the vice-provost and presented its readers with the facts.

Robert Bradley  
Mathematics

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## Bothwell book offers 'recipe for mediocrity'

Professor Michael Bliss in his review of *The Great Brain Robbery* (*Bulletin*, Sept. 24) expressed his sympathy for the authors' call for a debate on the future of the Canadian university. Such a debate is certainly welcome. There is now abundant evidence that our universities are falling woefully behind their counterparts in the United States where the mood of public animosity and stinginess has given way to renewed confidence in universities as central to economic and social development.

Readers of the public press have become accustomed to the flagellation of universities, their professors and students by a variety of pundits. The book reviewed falls within this curious local genre. To the public eye, of course, there is nothing more titillating than the spectacle of a neighbour's dirty linen being hung not in the backyard but on the front porch where all can confirm their long-held suspicion of the other fellow's foul practices. *The Great Brain Robbery* certainly puts laundry out to flap in the public breeze. It will doubtless offend and perhaps outrage university people across the country. Who, after all, wishes to be identified with a profession filled with layabouts and idlers who spend their time lounging on sunny beaches, sipping aperitifs and doing God knows what else?

*The Great Brain Robbery* surveys the university scene from several different perspectives, not all of which

have very much to do with the overall quality of higher education. The book does indeed make valid points about aspects of the Canadian university. Few would disagree with its assessment of some of the problems created by the massive expansion of the 1960s or with its advocacy of a core curriculum. Yet when all is said and done, the book is a mixture of sound analysis, dubious assertions and just plain nonsense that diminish its value as a contribution to the kind of dispassionate and thorough debate that all interested in the future well-being of our universities deserve.

Of special interest to academics is the book's treatment of some of the basic institutional mechanisms with which Canadian and American universities function. Tenure is among the topics subjected to harsh scrutiny. The former is trotted out yet again as a favourite whipping boy as it has been for some time in newspapers and magazines. To the authors, tenure appears as a protective umbrella for a multitude of incompetent professors who should be made more productive through a system of five-year contracts. Leaving aside the emotional character of an argument which appeals to the natural human tendency to believe that someone else is getting away with something, several questions must be asked. Is this charge true? What is the evidence to support it? It would not seem unreasonable to expect the authors, competent

scholars all, to do the hard digging that would prove or disprove their case. In fact, the evidence produced is nothing more than a mélange of personal impressions combined with some ancient American statistics. This is scarcely the evidence on which to base a sweeping indictment of tenure. Even a cursory examination of the publication records of academic staff in 1984 would show, I believe, a volume of scholarly production far exceeding on a per capita basis that of the golden age of universities so nostalgically evoked by the authors. No academic would maintain that abuses do not occur in this profession as they do in every other occupation under the sun, nor would he or she deny the profession's responsibility to prevent such derelictions. Whether these abuses are taking place in the massive form alleged is another question entirely. Polemic is no substitute for the facts.

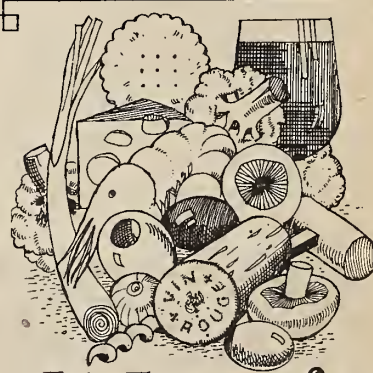
Much could be said about the five-year contract scheme, although the less said about it the better. It is perhaps appealing to think that the University of Toronto should strike out on this bold new course which would show all and sundry how the university might be revitalized. Doubtless every university in the world would rush to follow our example. Before plunging headlong into this adventure, however, it might be well to examine how such a system works in practice, if, that is, a major research university can be found which employs it. Moreover, this scheme would almost certainly lower the quality of research rather than raise it. The university could well become an academic version of a used-car lot in which hustling professors employ every stratagem to peddle their products in as short a time as possible even if the brakes do not work or the engine is about to fall out. Here, *The Great Brain Robbery* reads like a cookbook which omits essential ingredients. It offers not a recipe for quality but for mediocrity.

The book skims lightly over the fundamental purpose of tenure, its role of guaranteeing that research and teaching can be carried out with that scholarly objectivity and independence characteristic of the universities of the west. The treatment of this important theme is curious to say the least. After having provided as eloquent a defence of tenure as anyone could expect in their historical account of the atrocities that led to its introduction in Canada in the first place, the authors suddenly drop the topic through a trap door in favour of another obsessive discussion of how the wicked must be punished. This is not good enough. Proponents of so fundamental a change have an obligation to explain in detail how academic freedom will be protected in their brave new world. Perhaps they believe that our society has attained such a degree of respect for the individual's rights that the professor no longer requires an institutional mechanism of intellectual protection. Perhaps they have been converted to Rousseau's view of the natural goodness of man, strange as that might be for the historian. Perhaps they believe that we can contemplate a future of deep and universal respect for teaching and scholarship in an intellectual paradise in which the horrors of the past can never be repeated. History, alas, does

not lend much support to so heady an opinion.

As an institution, the university has been around for a long time. It has experienced periods of remarkable intellectual vitality and some of stagnation. Its vitality has always come from the intellectual commitment of its faculty and students. In the end, the critical future we all face will depend on our collective sense of what a university is all about. The artificial contrivances, the professional self-flagellation and the appeal to government to use a big stick contained in *The Great Brain Robbery* can never create the spirit of inquiry essential to the health of the university. They cannot make a great university, not even a good one. They can make a mediocre one.

William J. Callahan  
Department of History



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## Concerns remain over engineering's moderation of marks

Professor Etkin (*Bulletin*, Sept. 24) makes some good points in his letter defending the action of the Faculty of Applied Science & Engineering in moderating the marks of applicants on the basis of the performance of previous students from the same schools.

Let me first note some points on which he and I agree. (1) We do need a universal test for all applicants if there is to be a reasonable degree of fairness in admitting students to university programs. (2) The system used by engineering cannot be readily applied to other faculties without increased problems. (3) Prof. Etkin has a low opinion of the old grade 13 examinations. I have very little knowledge of them. We agree that we should neither resuscitate nor develop examinations that rely heavily on rote learning or pre-examination drill. (4) The problems of intra-school mark variation are not addressed by the engineering plan. (5) The action of the engineering faculties in Toronto and Waterloo has had a salutary effect in bringing the problem of mark variations to public attention.

There remain some areas of disagreement. (1) Professor Etkin is unconcerned that a population as small as 10 over several years should be used

to change students' marks. I am. (2) Professor Etkin is not concerned that students who come from schools where fewer than 10 have recently enrolled in the engineering faculty have their marks left unchanged, even though such schools may well have very low or very high marking standards. Clearly, there is discrimination between those whose marks are moderated and those whose are not. I think this may be a problem. (3) Professor Etkin does not recognize the double jeopardy of the student who attends a school with traditional, low marking standards which decides to take action and raise standards. That student gets marked hard (as the teachers get tough) and then gets those hard earned marks further reduced because of the school's previous record. I think this is a problem.

Yes, perhaps my initial judgment was harsh, as Prof. Etkin claims. Nevertheless, it appears that we both agree that a broader solution should be found to the problem of movement from high school to university.

Mark Holmes  
Department of Educational  
Administration  
Ontario Institute for Studies in  
Education

## Stomach, wallet protest cafeteria breakfast

Along with many other members of this university, circumstances oblige me to eat quite regularly in the cafeteria of the Medical Sciences Building. The decor of this cafeteria is austere, being comparable in comfort to the surroundings of a hermit in a cave in the high Himalayas.

Recently, the contract for operating the cafeteria was given to a new caterer. On the first day of classes, many changes were evident. The most noticeable was a sharp rise in the price of a number of items. For example, the cost of a large cup of coffee had increased from 45 to 55 cents. This stimulated me to determine the cost of a similar cup of coffee in the Ontario

Hydro Building: it was 47 cents. Moreover, volumetric analysis revealed that the capacity of the large cup supplied in the Hydro Building was 300 ml., whereas that in the MSB was 250 ml. (observations of Oct. 3, one experiment, no duplicates). Similarly, the cost of a large bran muffin (a particular favourite of mine) had jumped from 50 to 80 cents. In all fairness, qualitative analysis has suggested to me that the weight of the large muffin now available for 80 cents may be somewhat greater than that previously supplied for 50 cents; however, for reasons beyond my control, I could not obtain an old muffin to confirm or deny this impression. Anyway, the price of my breakfast (I am a creature of habit) had escalated from 95 cents to \$1.35. I personally found this difficult to reconcile with the 6 and 5 guidelines, to which many of us are apparently subject. The situation must be more galling for the majority of students, who are presumably struggling on tight budgets.

Other qualitative indices, too numerous to mention, suggested — to put it as kindly as possible — that there has been no recent increase in the quality of the meals. Widespread dissatisfaction with the state of affairs was attested to by the numerous individuals who signed a petition protesting the prices and quality of the food served.

It would be of interest to know what the policy of the University is regarding the numerous cafeterias on campus. Is it to maximize its financial return from them at all costs, or to provide sociable environments for intellectual and other discussions where decent food can be obtained at reasonable prices from employees paid living wages?

R.K. Murray  
Department of Biochemistry

## Forum

Continued from Page 12

monious process which keeps them continually, if sometimes belatedly, in touch with reality. He has, for example, clearly relented on the question of anaesthetics (and lightning conductors). But recent reports suggest that He is still ambivalent about rhythm methods of contraception while adamantly opposed to physical methods. Those who value adaptation want immediate ethical change, but they can hardly ignore that the ethical pain caused to many by demands, for example, that all women have the right to abortion in all circumstances must be balanced against the good they are trying to achieve.

Eventually, there is a reequilibration of the ethical system but our present predicament is especially acute. This is not because of the nature of our new biological technology since new technology has always been alarming. It is because of the exceptional speed with which the change has occurred. It was only 120 years ago that genes were discovered. It was only 80 years ago that we became effectively aware of them. Thirty-five years ago, we were still not absolutely sure what they are made of. Five years ago, we learned how to cut them up and move them about and already we contemplate putting them into people. This hectic pace has not given us time to adjust. There are several possible remedies. One is to slow the speed of change. This has actually been accomplished on occasion, the most recent occurrence being in England, which has declared a moratorium on *in vitro* fertilization until the question of experimentation on embryos has been examined. Scientists should, and on the whole do, respect such attempts to give ourselves a breathing space.

However, attempts to slow the pace of technological change will always be, at best, a tactical, local and temporary expedient. A more promising answer to the problem is to speed the process of ethical equilibration which is mediated by the diffusion of opinion and knowledge, particularly the latter. Our science education must be improved so that the public has a much clearer perception of what modern biology is all about. This could alleviate the problem but, even under the best of circumstances, our moral adaptation will be turbulent.

The public's unease embraces not only the technological fruits of science but the process of research which produces them. One gets invaluable clues to the state of public feeling on this matter from the questions which are asked by reporters. The first question is almost invariably: "Is it not possible that some scientist is at this very moment cloning a human being in his basement?" For some reason this is always represented as a subterranean activity. Even if scientists were not hedged about with ethical committees, it is extremely unlikely that they would, on their own initiative, clone a human being, not because it would be reprehensible but because it would be profoundly boring to do so. But beneath the superficial and slightly absurd misapprehension one discerns the anxiety which it symbolizes, namely that scientists are engaged in some agenda of their own entirely divorced from that of the public which funds them. People resent the fact that, in seeking a solution to their problems, they must turn to experts who have a vested interest in their own expertise. A committee of cobblers, on being consulted about any problem whatsoever, will inevitably recommend more boots. This is the way the public sees it, and here, I think the public is partially correct. The public wants the biologist to cure diseases, and this is not what

most basic biologists, for most of the time, are interested in at all. They want to answer the questions that excite them and occasionally feel called upon to pretend that whatever excites them will also help us to cure diseases. I am rather concerned about the ethical problems which arise here, and believe that scientists should more honestly confess their true ambitions.

As a scientist, I take it as an axiom that increasing our knowledge and understanding of the universe is desirable. Here, I use the word axiom, not in the robust Euclidian sense of a proposition which is self-evidently true but in the more restrained modern sense, namely, a proposition which is stated without proof. I cannot, in the last analysis, prove it but I feel profoundly that the attempt to understand the strange place in which we live is the most profoundly human of pursuits. It is not only the acquisition of knowledge which is civilizing but also the process by which it is acquired. This process requires a temper of mind which accords belief only in proportion to the evidence available. In this sense, science itself has a moral value. These, if you like, are the categorical imperatives of the scientist.

However, I do not necessarily expect the public to share them. But even if they do not, the best chance of getting diseases cured probably lies precisely in letting scientists, particularly if they are good scientists, study what interests them. This is because it is impossible to predict what will be important. For instance, we are now on the brink of understanding the fundamental mechanism of cancer because the necessary technology was discovered by someone interested in an entirely unrelated question, the reason why bacterial viruses are very selective in their choice of host. Hence, if people want diseases cured, they will probably have to put up with scientists pursuing their own intellectual adventures at the public expense. Of course, the public can share in the excitement by learning about science and thus, incidentally, being in a better position to judge for themselves what we are doing.

For one thing seems to me absolutely clear. The ethical decisions which confront us must be made by society as a whole and not by scientists alone. This is because, if ethical truths exist, the training of a scientist does not equip him to discover them. The scientist may, very properly, investigate the social, psychological and biological origins of ethical opinions but this will tell him nothing about their merits. Therefore, the scientist, having done his science and told us about it as lucidly and as honestly as he can, must join in the debate about its ethical implications on equal terms with the rest of society.

Dr. R.J.M. Gold is a professor in the Department of Medical Genetics.

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